ELECTED SPECIES

FILE 'HOME' ENTERED AT 11:36:40 ON 03 OCT 2006

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> **FILE REGISTRY**

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:36:58 ON 03 OCT 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 OCT 2006 HIGHEST RN 909344-31-6
DICTIONARY FILE UPDATES: 2 OCT 2006 HIGHEST RN 909344-31-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

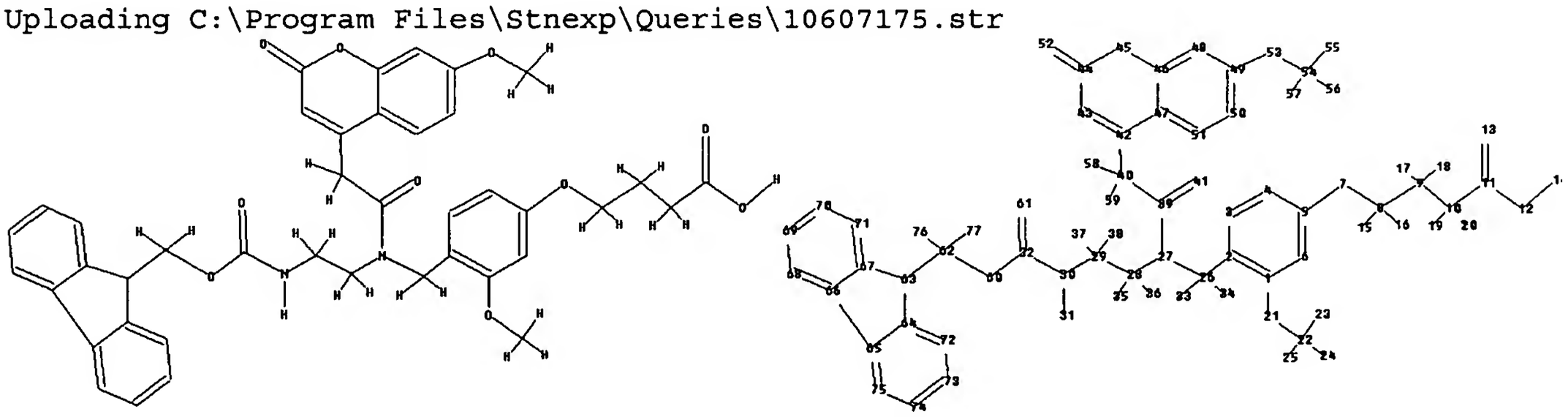
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10607175.str



chain nodes :
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40 41 52 53 54 55 56 57 58
59 60 61 62
76 77
ring nodes :
1 2 3 4 5 6 42 43 44 45 46 47 48 49 50 51 63 64 65 66 67 68
69 70 71 72 73 74 75
chain bonds :
1-21 2-26 5-7 7-8 8-9 8-15 8-16 9-10 9-17 9-18 10-11 10-19 10-20 11-12
11-13 12-14 21-22 22-23 22-24 22-25 26-27 26-33 26-34 27-28 27-39 28-29
28-35 28-36
29-30 29-37 29-38 30-31 30-32 32-60 32-61 39-40 39-41 40-42 40-58 40-59
44-52 49-53
53-54 54-55 54-56 54-57 60-62 62-63 62-76 62-77
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 42-43 42-47 43-44 44-45 45-46 46-47 46-48 47-
51
48-49 49-50 50-51 63-64 63-67 64-65 64-72 65-66 65-75 66-67 66-68 67-71
68-69 69-70
70-71 72-73 73-74 74-75
exact/norm bonds :
1-21 5-7 7-8 21-22 26-27 27-28 27-39 29-30 30-32 32-60 32-61 39-41 44-
52
49-53 53-54 60-62
exact bonds :
2-26 8-9 8-15 8-16 9-10 9-17 9-18 10-11 10-19 10-20 12-14 22-23 22-24
22-25 26-33 26-34 28-29 28-35 28-36 29-37 29-38 30-31 39-40 40-42 40-58
40-59 42-43
42-47 43-44 44-45 45-46 54-55 54-56 54-57 62-63 62-76 62-77 63-64 63-67
65-66
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-13 46-47 46-48 47-51 48-49 49-50 50-
51
64-65 64-72 65-75 66-67 66-68 67-71 68-69 69-70 70-71 72-73 73-74 74-75
isolated ring systems :
containing 1 : 42 : 63 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS
29:CLASS 30:CLASS
31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS
39:CLASS 40:CLASS
41:CLASS 42:Atom 43:Atom 44:Atom 45:Atom 46:Atom 47:Atom 48:Atom 49:Atom
50:Atom 51:Atom
52:CLASS 53:CLASS 54:CLASS 55:CLASS 56:CLASS 57:CLASS 58:CLASS 59:CLASS
60:CLASS 61:CLASS
62:CLASS 63:Atom 64:Atom 65:Atom 66:Atom 67:Atom 68:Atom 69:Atom 70:Atom
71:Atom
72:Atom 73:Atom 74:Atom 75:Atom 76:CLASS 77:CLASS

L1 STRUCTURE UPLOADED

=> **d l1**

L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> **s l1**

SAMPLE SEARCH INITIATED 11:37:20 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> **s l1 full**

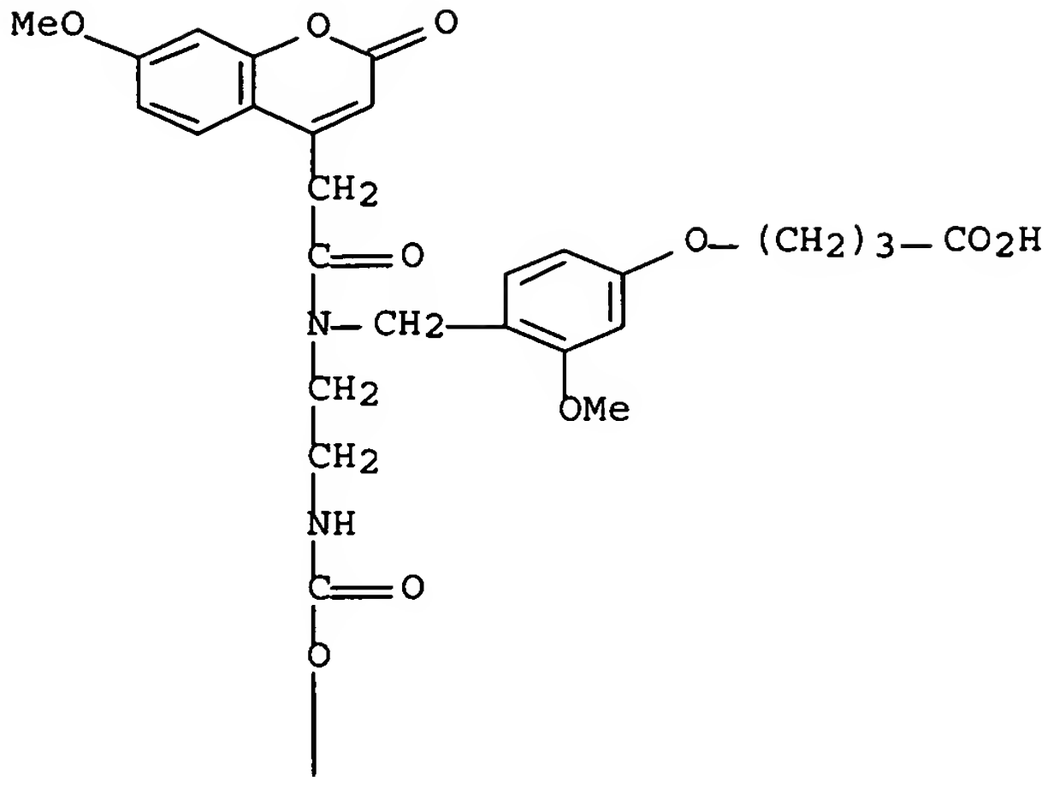
FULL SEARCH INITIATED 11:37:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 36 TO ITERATE

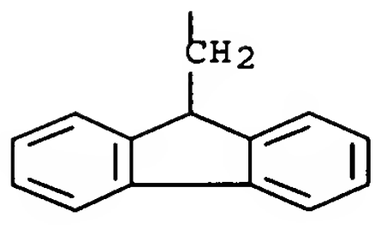
100.0% PROCESSED 36 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L3 1 SEA SSS FUL L1

=> **d scan**

L3 1 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Butanoic acid, 4-[4-[[[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl][(
7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl]amino]methyl]-3-
methoxyphenoxy]- (9CI)
MF C41 H40 N2 O10





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

```
=> file medline, caplus, wpids

=> s l3

SAMPLE SEARCH INITIATED 11:37:49 FILE 'WPIDS'
SAMPLE SCREEN SEARCH COMPLETED -         0 TO ITERATE

100.0% PROCESSED         0 ITERATIONS                                 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:             0 TO         0
PROJECTED ANSWERS:                0 TO         0

L4             1 L3
```

=> **d 14 abs, ibib, hitstr**

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

AB The invention relates to a solid-phase method for preparing C-terminally labeled peptides and building blocks to be used in this synthesis. The building blocks have formula A-N(Lm-B)Kn-C, where A is a functionality for the attachment to a solid support or a functionality already comprising a solid support, B is a functionality for the attachment of one or more amino acids or peptides or a functionality already comprising one or more amino acids or peptides, C is a functionality for the attachment of one or more labels or a functionality already comprising one or more labels, K, L are independently (un)substituted alkyl chains with at least two C-atoms (one or more non-neighboring C-atoms may be substituted by O, NH, alkyl- or arylimino, S, CO, an ester or amide group and/or neighboring C-atoms may be connected via a double or triple bond), and m, n are 0 or 1 with m + n ≥ 1. Thus, N-biotinyl-N'-Fmoc-ethylenediamine-MPB-AM-resin [MPB = [4-(3-carboxypropoxy)-2-methoxyphenyl]methyl; Fmoc = fluorenylmethoxycarbonyl] was prepared and applied to the synthesis of H-Asp-Glu-Val-Asp-Ala-Arg-NHCH2CH2NH-biotinyl.

ACCESSION NUMBER: 2005:2014 CAPLUS Full-text
DOCUMENT NUMBER: 142:94138
TITLE: Method and building blocks for preparing C-terminally labeled peptides
INVENTOR(S): White, Peter David; Beythien, Jorg Karl Wilheim
PATENT ASSIGNEE(S): UK
SOURCE: U.S. Pat. Appl. Publ., 21 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

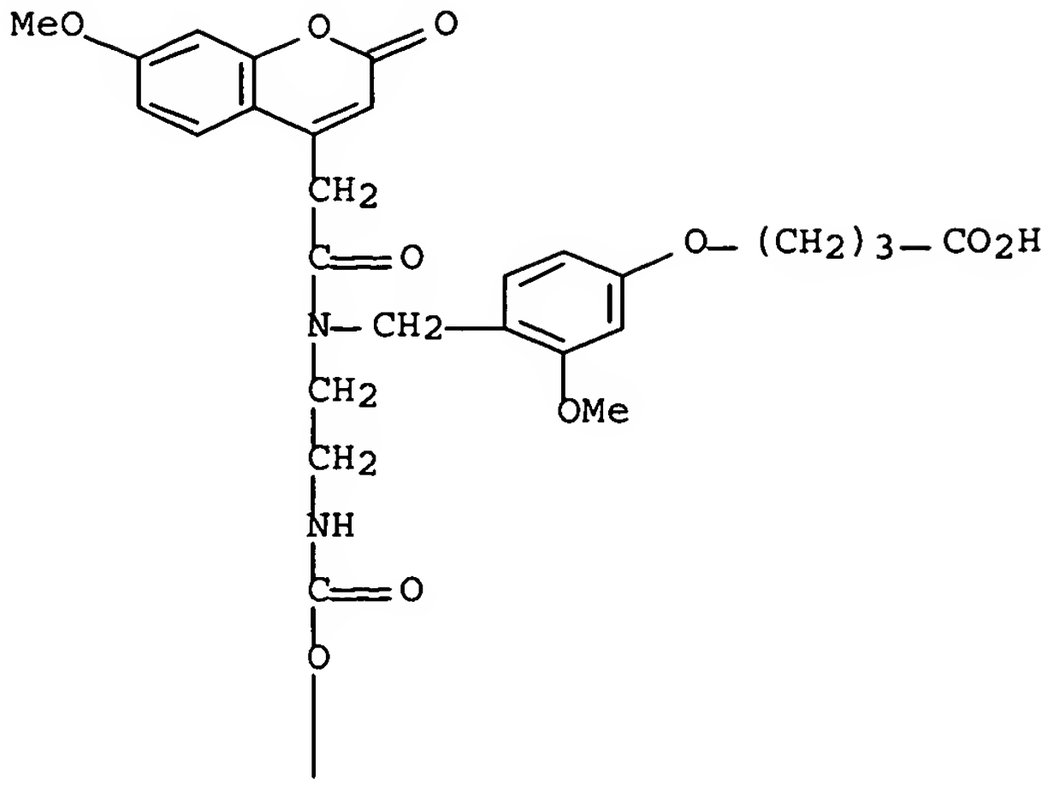
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004265949	A1	20041230	US 2003-607175	20030626

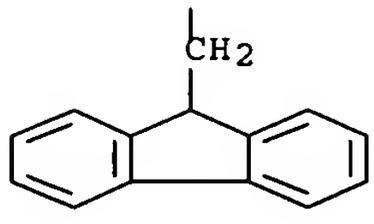
PRIORITY APPLN. INFO.: US 2003-607175 20030626
OTHER SOURCE(S): MARPAT 142:94138

IT 816430-07-6DP, resin-bound
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(solid-phase synthesis of C-terminally labeled peptides)

RN 816430-07-6 CAPLUS

CN Butanoic acid, 4-[4-[[[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl][(7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)





=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	11.12	195.32

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-1.46

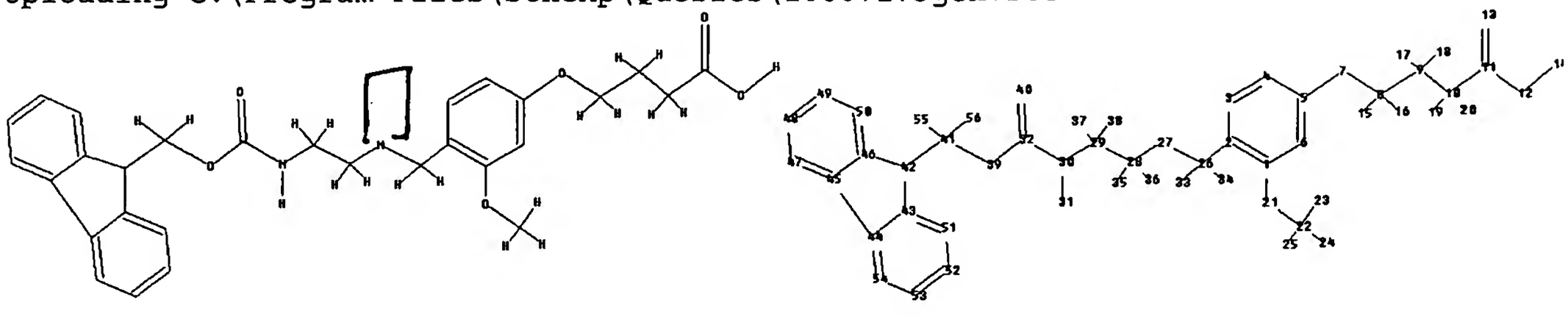
STN INTERNATIONAL LOGOFF AT 11:40:59 ON 03 OCT 2006

GENERIC STRUCTURE

FILE 'HOME' ENTERED AT 11:46:48 ON 03 OCT 2006

=> **file registry**

=>
Uploading C:\Program Files\Stnexp\Queries\10607175gen.str



chain nodes :
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40 41 55 56
ring nodes :
1 2 3 4 5 6 42 43 44 45 46 47 48 49 50 51 52 53 54
chain bonds :
1-21 2-26 5-7 7-8 8-9 8-15 8-16 9-10 9-17 9-18 10-11 10-19 10-20 11-12
11-13 12-14 21-22 22-23 22-24 22-25 26-27 26-33 26-34 27-28 28-29 28-35
28-36 29-30
29-37 29-38 30-31 30-32 32-39 32-40 39-41 41-42 41-55 41-56
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 42-43 42-46 43-44 43-51 44-45 44-54 45-46 45-
47
46-50 47-48 48-49 49-50 51-52 52-53 53-54
exact/norm bonds :
1-21 5-7 7-8 21-22 26-27 27-28 29-30 30-32 32-39 32-40 39-41
exact bonds :
2-26 8-9 8-15 8-16 9-10 9-17 9-18 10-11 10-19 10-20 12-14 22-23 22-24
22-25 26-33 26-34 28-29 28-35 28-36 29-37 29-38 30-31 41-42 41-55 41-56
42-43 42-46
44-45
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-13 43-44 43-51 44-54 45-46 45-47 46-
50
47-48 48-49 49-50 51-52 52-53 53-54
isolated ring systems :
containing 1 : 42 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS
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31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS
39:CLASS 40:CLASS
41:CLASS 42:Atom 43:Atom 44:Atom 45:Atom 46:Atom 47:Atom 48:Atom 49:Atom
50:Atom 51:Atom
52:Atom 53:Atom 54:Atom 55:CLASS 56:CLASS

L1 STRUCTURE UPLOADED

=> **d l1**

L1 HAS NO ANSWERS
L1 STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> **s l1**

SAMPLE SEARCH INITIATED 11:47:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 4 TO ITERATE

100.0% PROCESSED 4 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 4 TO 200
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> **s l1 full**

FULL SEARCH INITIATED 11:47:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 91 TO ITERATE

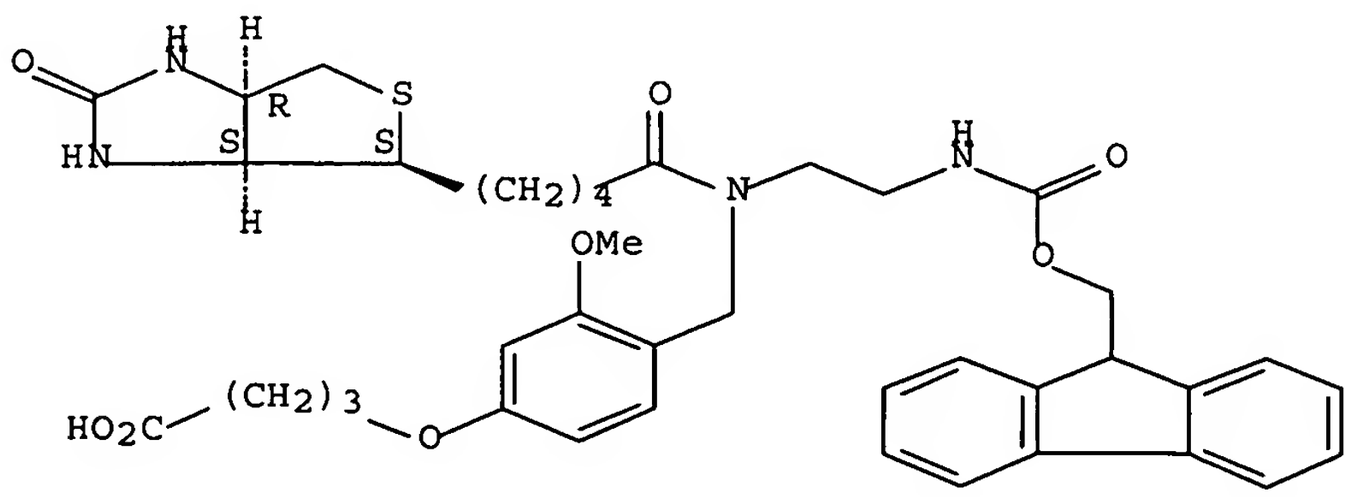
100.0% PROCESSED 91 ITERATIONS 4 ANSWERS
SEARCH TIME: 00.00.01

L3 4 SEA SSS FUL L1

=> **d scan**

L3 4 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Butanoic acid, 4-[4-[[[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl][5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]methyl]-3-methoxyphenoxy]- (9CI)
MF C39 H46 N4 O8 S

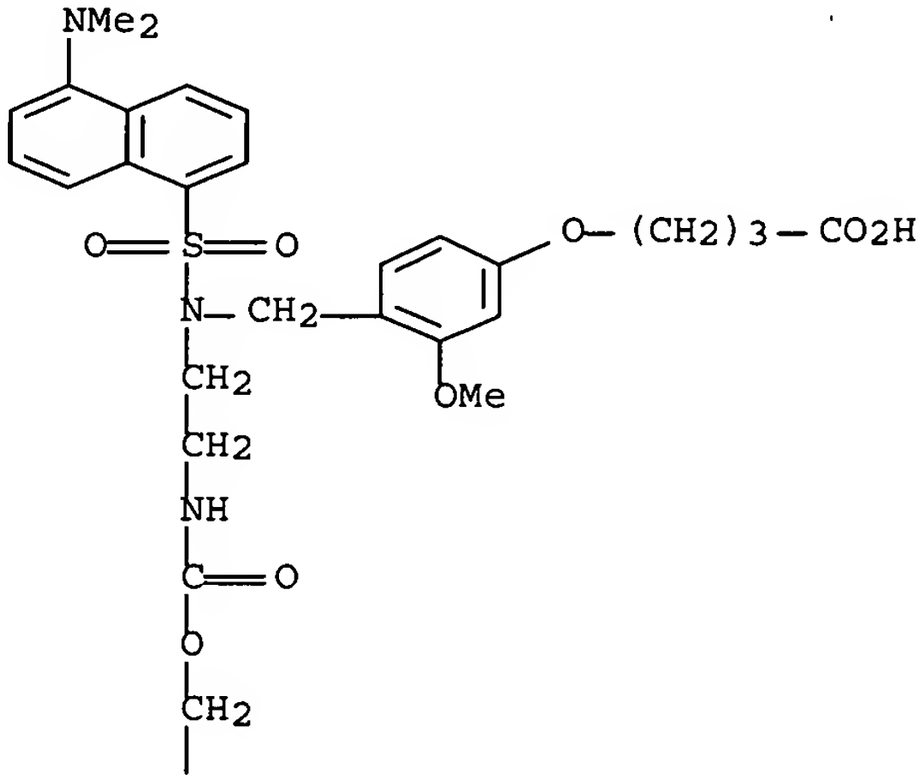
Absolute stereochemistry.

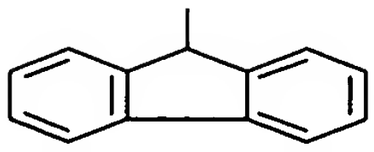


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 4 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Butanoic acid, 4-[4-[[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl][2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]-(9CI)
MF C41 H43 N3 O8 S

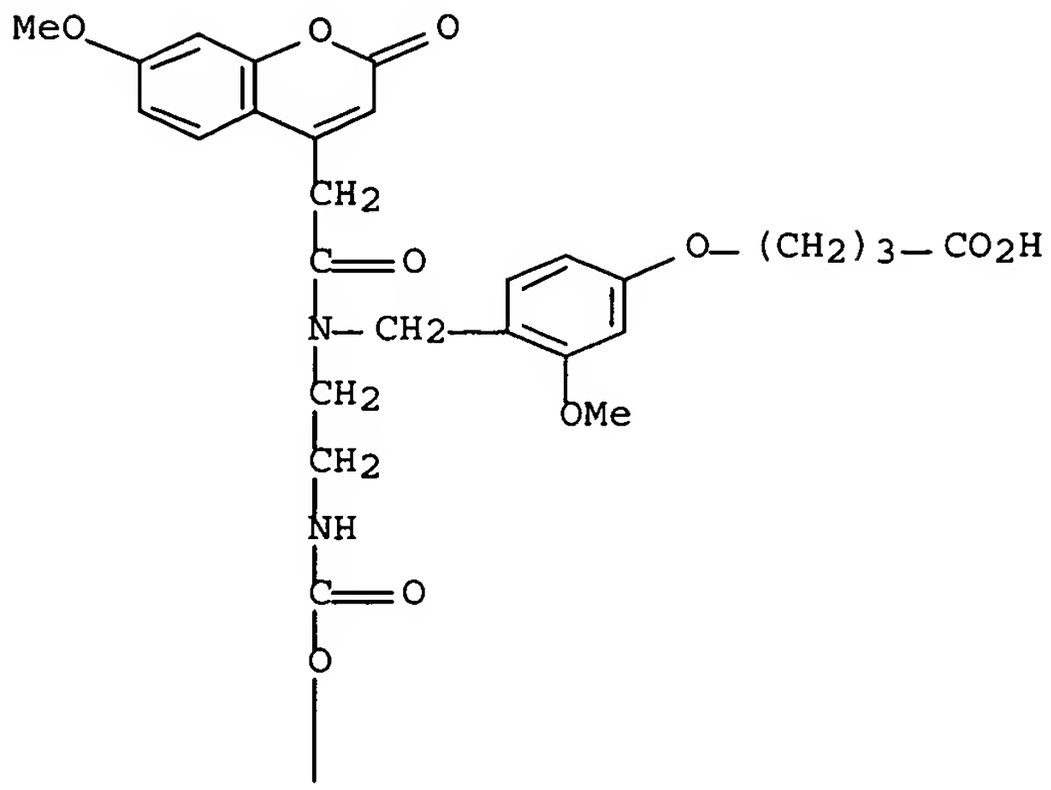


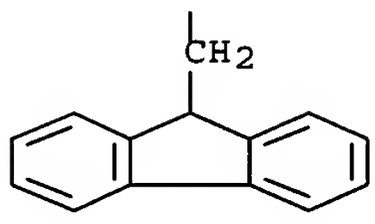


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 4 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Butanoic acid, 4-[4-[[[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl][(7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl]amino]methyl]-3-methoxyphenoxy]- (9CI)
MF C41 H40 N2 O10





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 4 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Butanoic acid, 4-[4-[[(2,4-dinitrophenyl)[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI)
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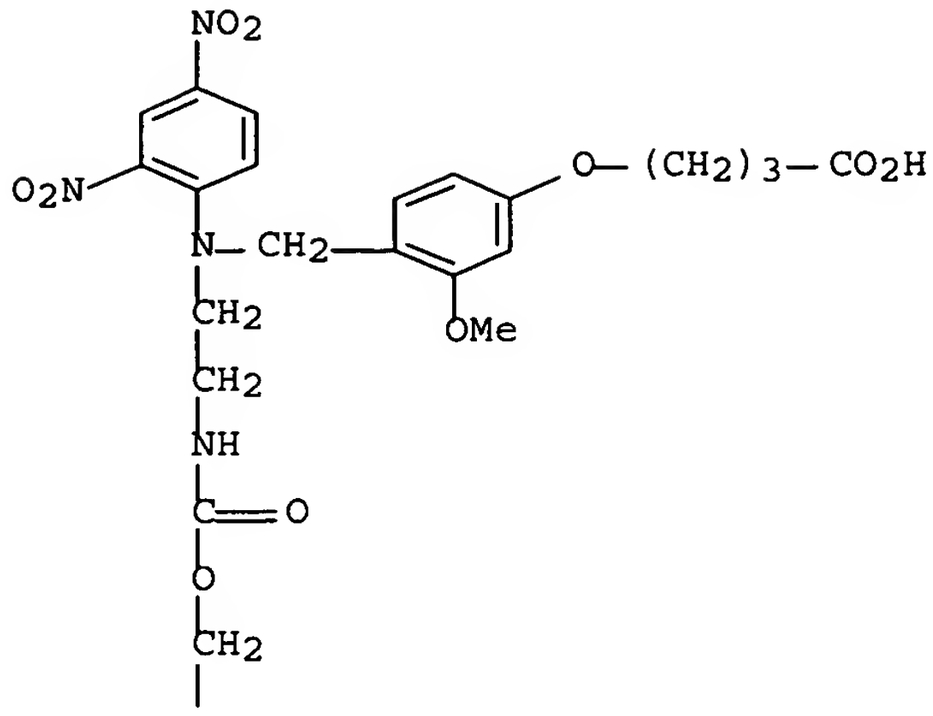
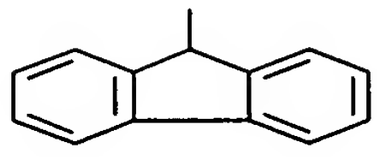




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> **file medline, caplus, wpids**

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	167.38	167.59

FILE 'MEDLINE' ENTERED AT 11:48:14 ON 03 OCT 2006

FILE 'CAPLUS' ENTERED AT 11:48:14 ON 03 OCT 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 11:48:14 ON 03 OCT 2006
COPYRIGHT (C) 2006 THE THOMSON CORPORATION

=> **d his**

(FILE 'HOME' ENTERED AT 11:46:48 ON 03 OCT 2006)

FILE 'REGISTRY' ENTERED AT 11:46:59 ON 03 OCT 2006
L1 STRUCTURE UPLOADED
L2 0 S L1
L3 4 S L1 FULL

FILE 'MEDLINE, CAPLUS, WPIDS' ENTERED AT 11:48:14 ON 03 OCT 2006

=> **s l3**

SAMPLE SEARCH INITIATED 11:48:27 FILE 'WPIDS'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L4 1 L3

=> **d l4 ibib, abs, hitstr**

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:2014 CAPLUS Full-text
DOCUMENT NUMBER: 142:94138
TITLE: Method and building blocks for preparing C-terminally labeled peptides
INVENTOR(S): White, Peter David; Beythien, Jorg Karl Wilheim
PATENT ASSIGNEE(S): UK
SOURCE: U.S. Pat. Appl. Publ., 21 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004265949	A1	20041230	US 2003-607175	20030626

PRIORITY APPLN. INFO.: US 2003-607175 20030626
OTHER SOURCE(S): MARPAT 142:94138

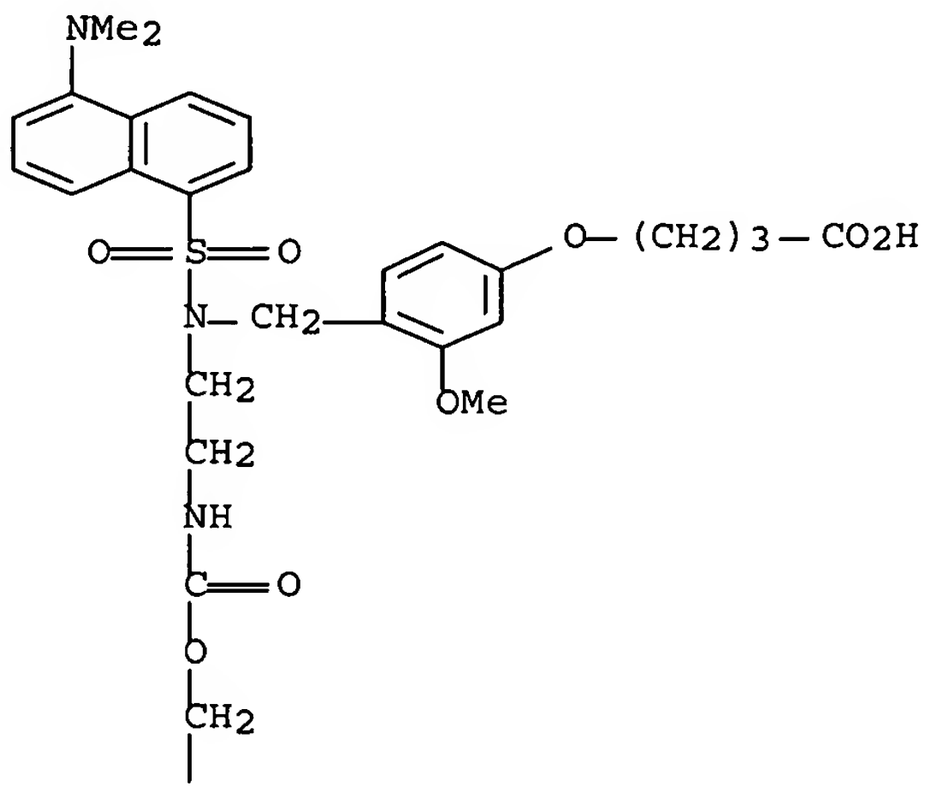
AB The invention relates to a solid-phase method for preparing C-terminally labeled peptides and building blocks to be used in this synthesis. The building blocks have formula A-N(Lm-B)Kn-C, where A is a functionality for the attachment to a solid support or a functionality already comprising a solid support, B is a functionality for the attachment of one or more amino acids or peptides or a functionality already comprising one or more amino acids or peptides, C is a functionality for the attachment of one or more labels or a functionality already comprising one or more labels, K, L are independently (un)substituted alkyl chains with at least two C-atoms (one or more non-neighboring C-atoms may be substituted by O, NH, alkyl- or arylimino, S, CO, an ester or amide group and/or neighboring C-atoms may be connected via a double or triple bond), and m, n are 0 or 1 with m + n ≥ 1. Thus, N-biotinyl-N'-Fmoc-ethylenediamine-MPB-AM-resin [MPB = [4-(3-carboxypropoxy)-2-methoxyphenyl]methyl; Fmoc = fluorenylmethoxycarbonyl] was prepared and applied to the synthesis of H-Asp-Glu-Val-Asp-Ala-Arg-NHCH2CH2NH-biotinyl.
IT 816430-05-4DP, resin-bound 816430-07-6DP, resin-bound
816430-10-1DP, resin-bound 816430-14-5DP, resin-bound

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(solid-phase synthesis of C-terminally labeled peptides)

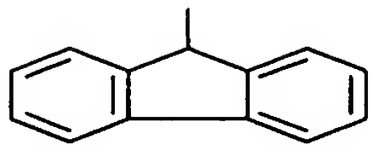
RN 816430-05-4 CAPLUS

CN Butanoic acid, 4-[4-[[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl][2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



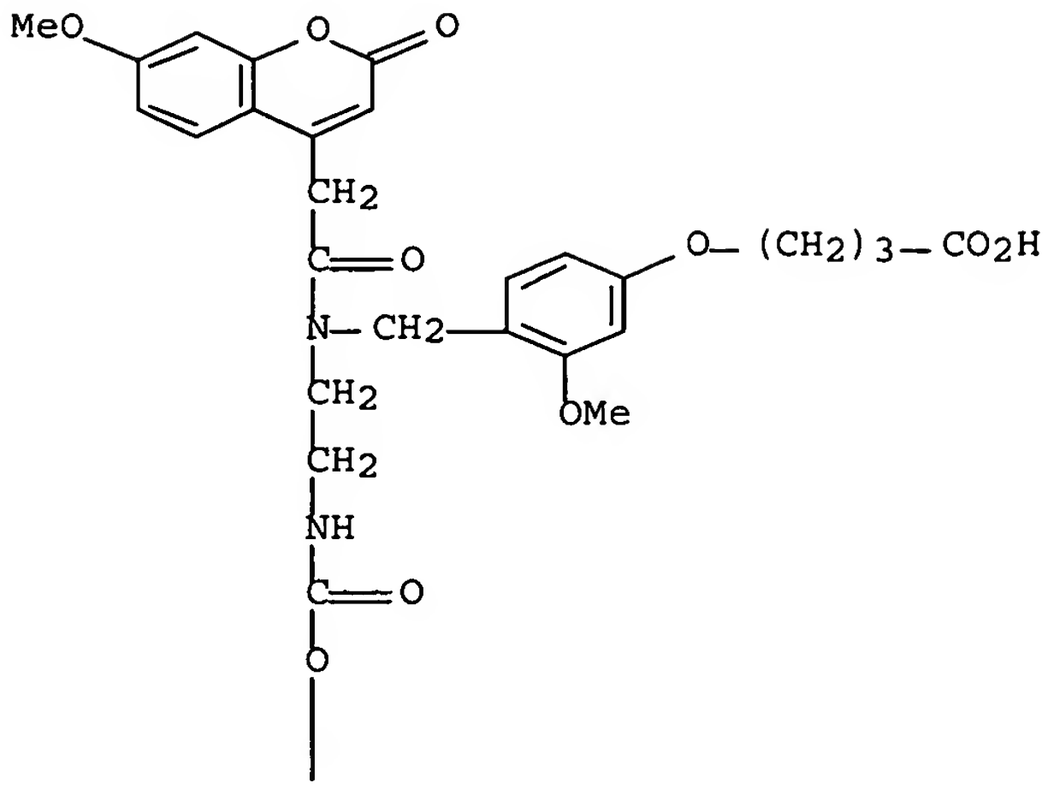
PAGE 2-A



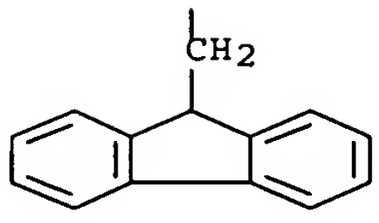
RN 816430-07-6 CAPLUS

CN Butanoic acid, 4-[4-[[[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl][(7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A

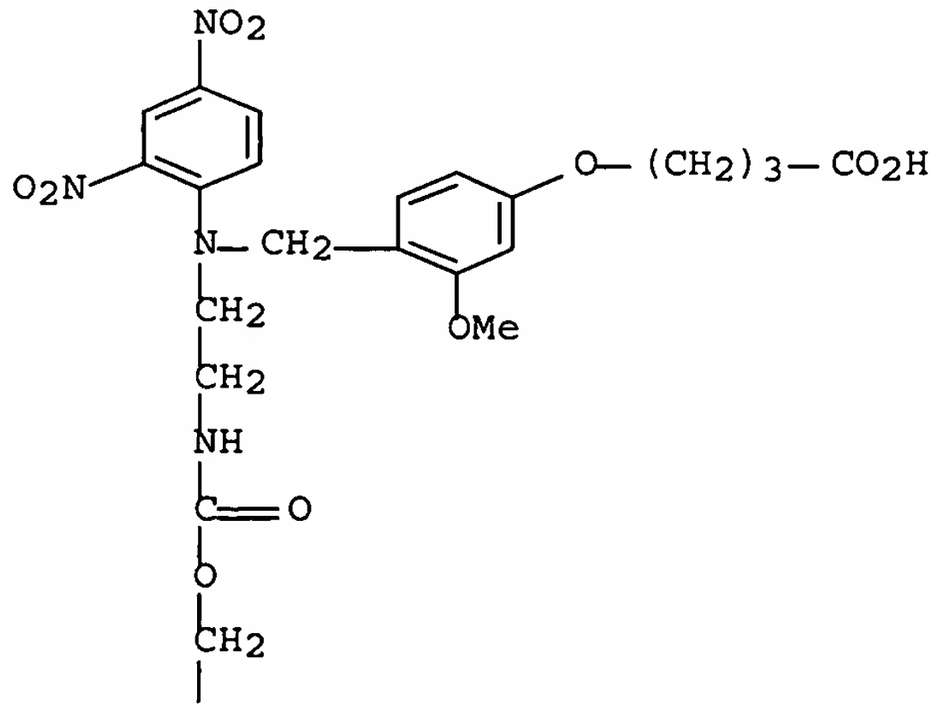


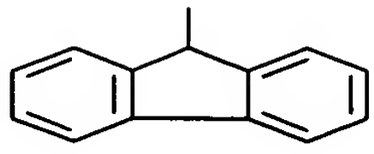
PAGE 2-A



RN 816430-10-1 CAPLUS
CN Butanoic acid, 4-[4-[[(2,4-dinitrophenyl)[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

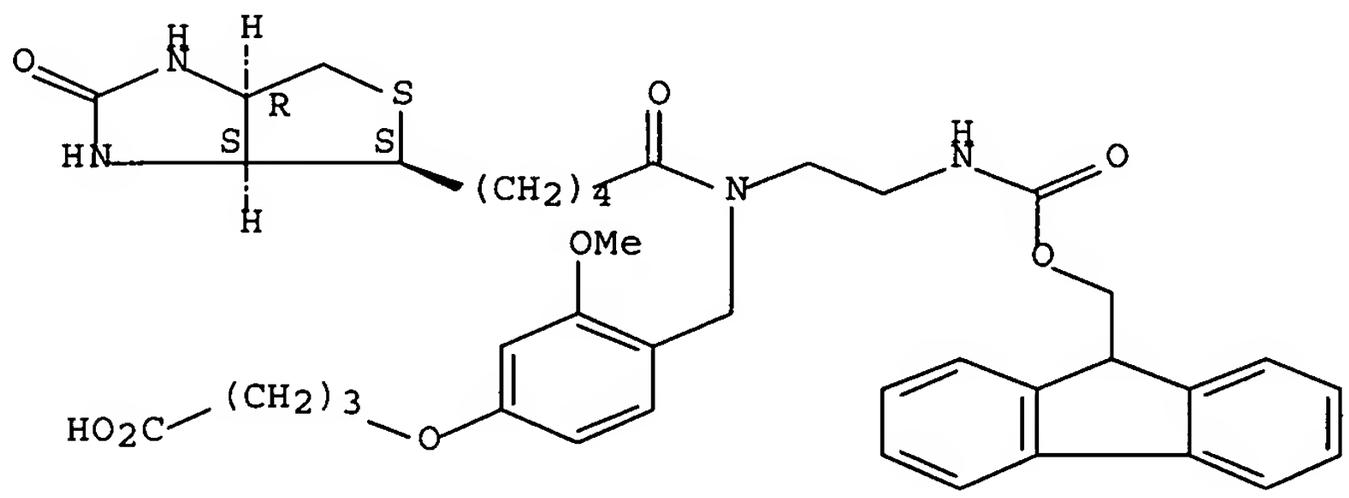
PAGE 1-A





RN 816430-14-5 CAPLUS
CN Butanoic acid, 4-[4-[[[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl][5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.74	178.33

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

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STRUCTURE FILE UPDATES: 2 OCT 2006 HIGHEST RN 909344-31-6
DICTIONARY FILE UPDATES: 2 OCT 2006 HIGHEST RN 909344-31-6

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http://www.cas.org/ONLINE/UG/regprops.html

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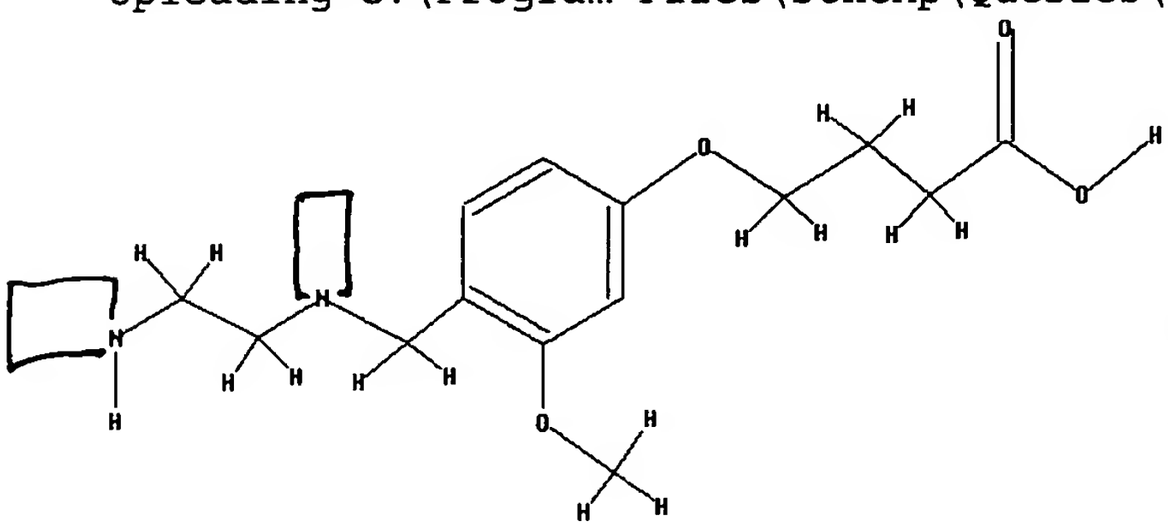

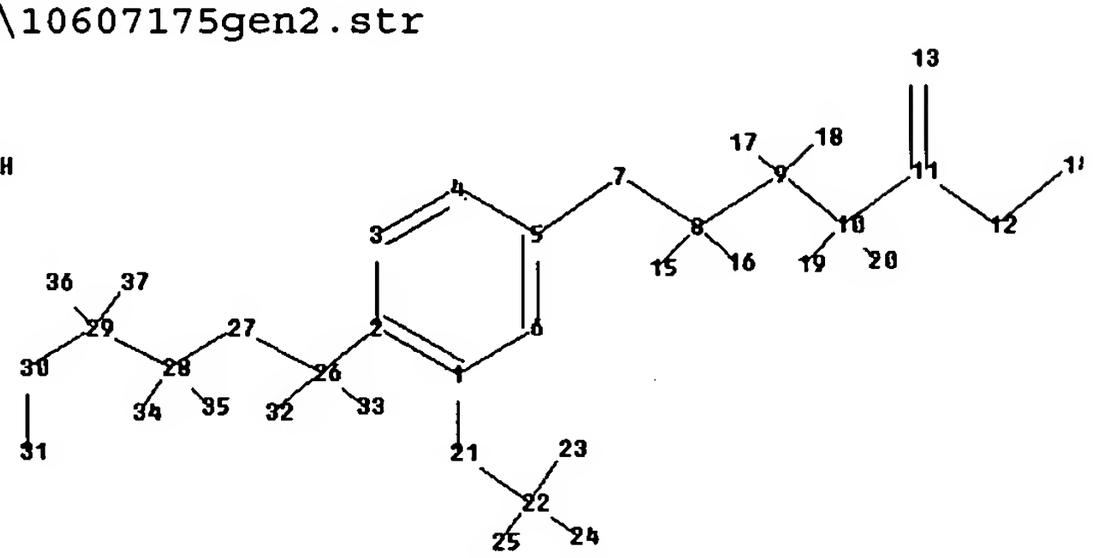

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1 2 3 4 5 6
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11-13 12-14 21-22 22-23 22-24 22-25 26-27 26-32 26-33 27-28 28-29 28-34
28-35 29-30
29-36 29-37 30-31
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-21 5-7 7-8 21-22 26-27 27-28 29-30
exact bonds :
2-26 8-9 8-15 8-16 9-10 9-17 9-18 10-11 10-19 10-20 12-14 22-23 22-24
22-25 26-32 26-33 28-29 28-34 28-35 29-36 29-37 30-31
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-13

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS
29:CLASS 30:CLASS
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L5 STRUCTURE UPLOADED

=> **d 15**

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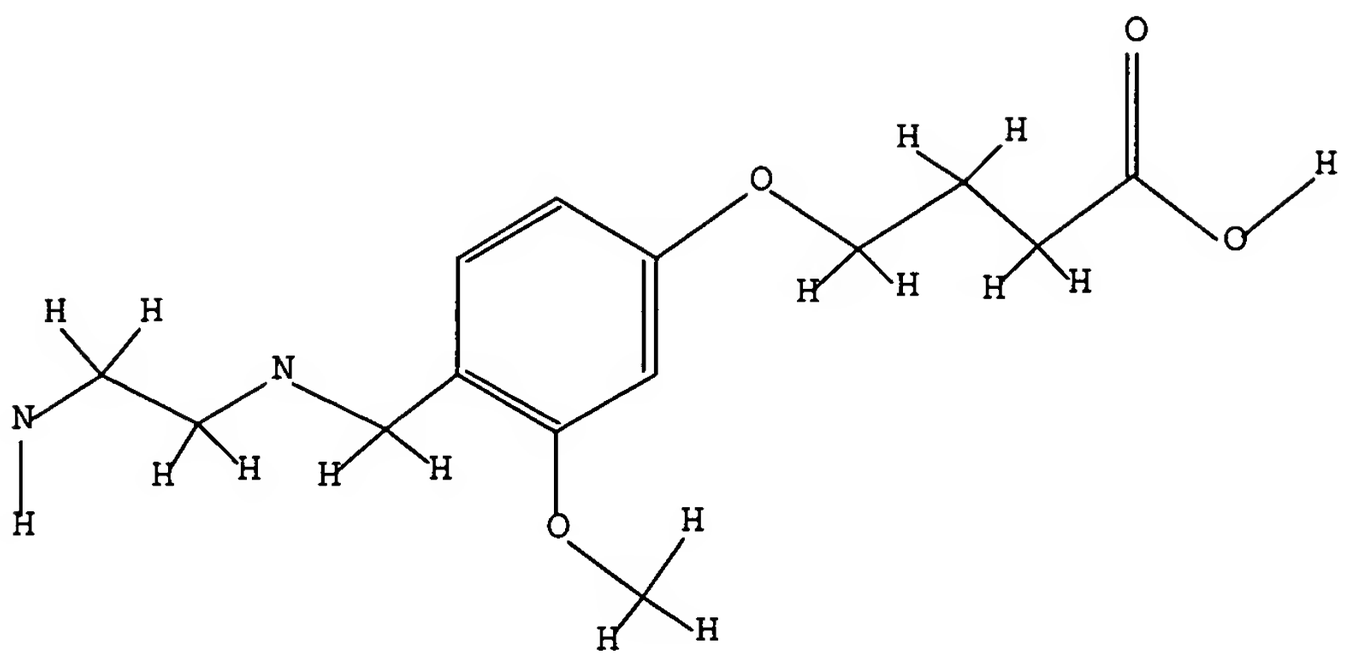
L5 STR



Structure attributes must be viewed using STN Express query preparation.

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FULL SCREEN SEARCH COMPLETED - 481 TO ITERATE

100.0% PROCESSED 481 ITERATIONS 11 ANSWERS
SEARCH TIME: 00.00.01

L6 11 SEA SSS FUL L5

=> **file wpids, medline, caplus**

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.75

FILE 'WPIDS' ENTERED AT 11:50:50 ON 03 OCT 2006
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FILE 'MEDLINE' ENTERED AT 11:50:50 ON 03 OCT 2006

FILE 'CAPLUS' ENTERED AT 11:50:50 ON 03 OCT 2006
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=> **s l6**

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SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

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PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L7 2 L6

=> **d l7 1-2 ibib, abs, hitstr**

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:2014 CAPLUS Full-text
DOCUMENT NUMBER: 142:94138
TITLE: Method and building blocks for preparing C-terminally labeled peptides
INVENTOR(S): White, Peter David; Beythien, Jorg Karl Wilheim
PATENT ASSIGNEE(S): UK
SOURCE: U.S. Pat. Appl. Publ., 21 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004265949	A1	20041230	US 2003-607175	20030626

PRIORITY APPLN. INFO.: US 2003-607175 20030626
OTHER SOURCE(S): MARPAT 142:94138

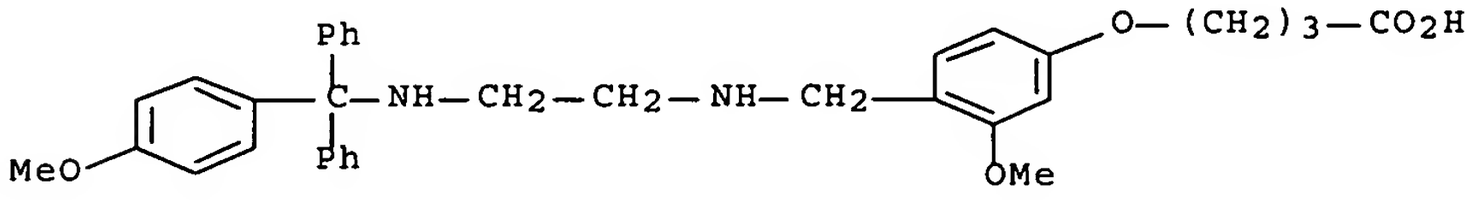
AB The invention relates to a solid-phase method for preparing C-terminally labeled peptides and building blocks to be used in this synthesis. The building blocks have formula A-N(Lm-B)Kn-C, where A is a functionality for the attachment to a solid support or a functionality already comprising a solid support, B is a functionality for the attachment of one or more amino acids or peptides or a functionality already comprising one or more amino acids or peptides, C is a functionality for the attachment of one or more labels or a functionality already comprising one or more labels, K, L are independently (un)substituted alkyl chains with at least two C-atoms (one or more non-neighboring C-atoms may be substituted by O, NH, alkyl- or arylimino, S, CO, an ester or amide group and/or neighboring C-atoms may be connected via a double or triple bond), and m, n are 0 or 1 with m + n ≥ 1. Thus, N-biotinyl-N'-Fmoc-ethylenediamine-MPB-AM-resin [MPB = [4-(3-carboxypropoxy)-2-methoxyphenyl]methyl; Fmoc = fluorenylmethoxycarbonyl] was prepared and applied to the synthesis of H-Asp-Glu-Val-Asp-Ala-Arg-NHCH2CH2NH-biotinyl.

IT 816430-03-2P 816430-04-3DP, resin-bound
816430-04-3P 816430-05-4DP, resin-bound
816430-06-5DP, resin-bound 816430-06-5P
816430-07-6DP, resin-bound 816430-08-7DP, resin-bound
816430-08-7P 816430-09-8DP, resin-bound
816430-09-8P 816430-10-1DP, resin-bound
816430-11-2DP, resin-bound 816430-11-2P
816430-12-3DP, resin-bound 816430-12-3P
816430-14-5DP, resin-bound

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(solid-phase synthesis of C-terminally labeled peptides)

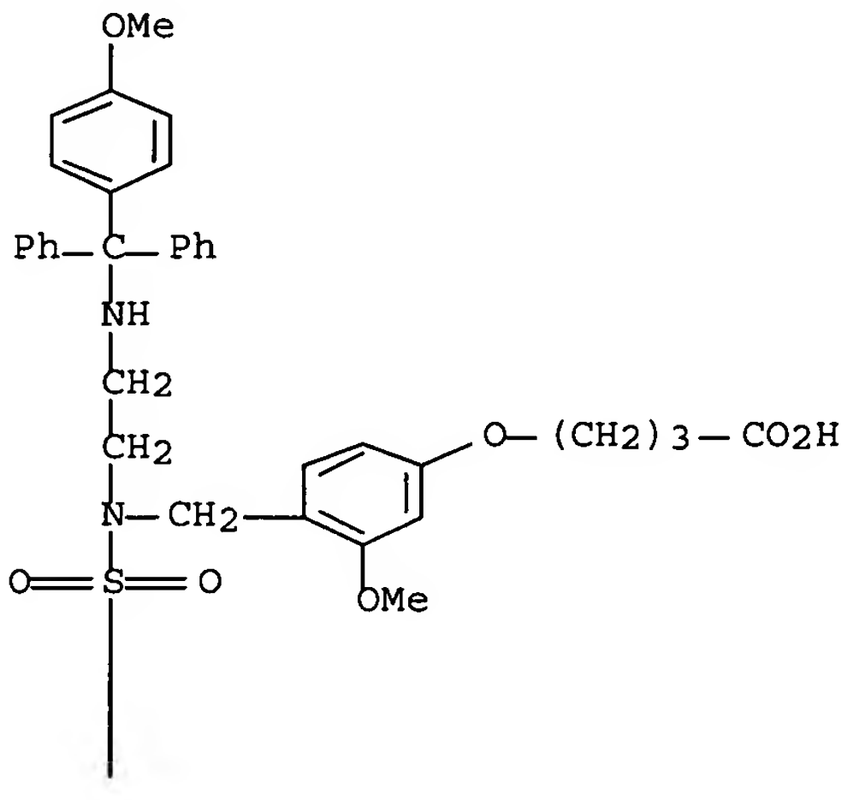
RN 816430-03-2 CAPLUS

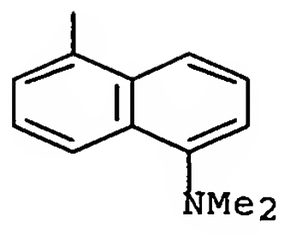
CN Butanoic acid, 4-[3-methoxy-4-[[[2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



RN 816430-04-3 CAPLUS

CN Butanoic acid, 4-[4-[[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)



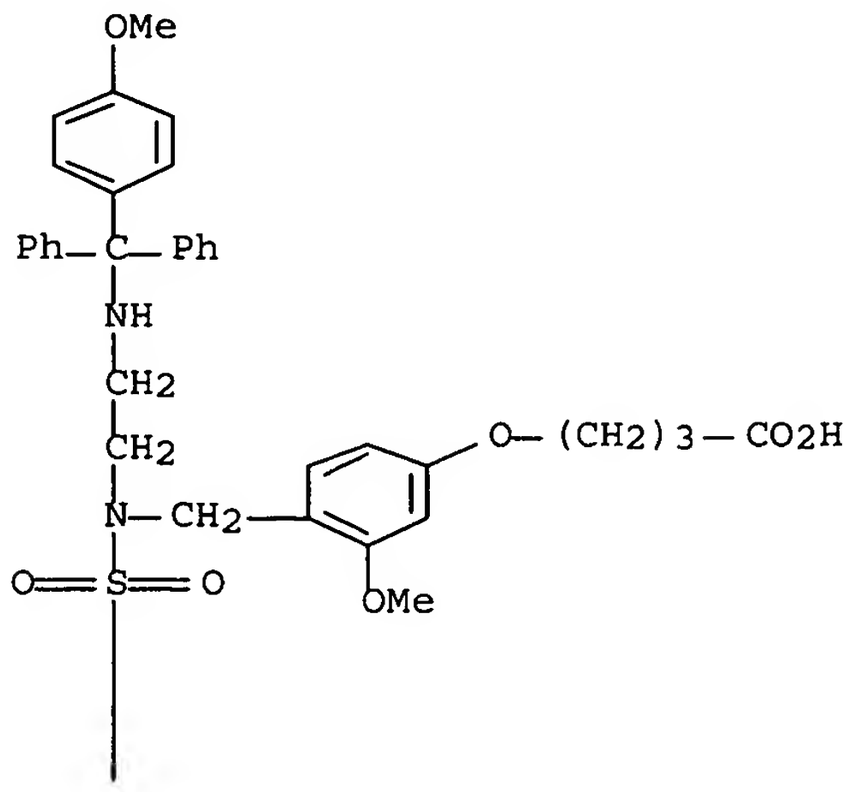


RN 816430-04-3 CAPLUS

CN Butanoic acid, 4-[4-[[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl][2-[[(4-

methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]-
(9CI) (CA INDEX NAME)

PAGE 1-A



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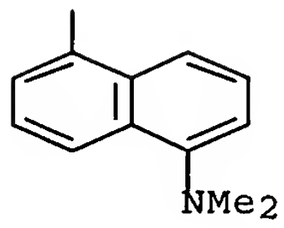
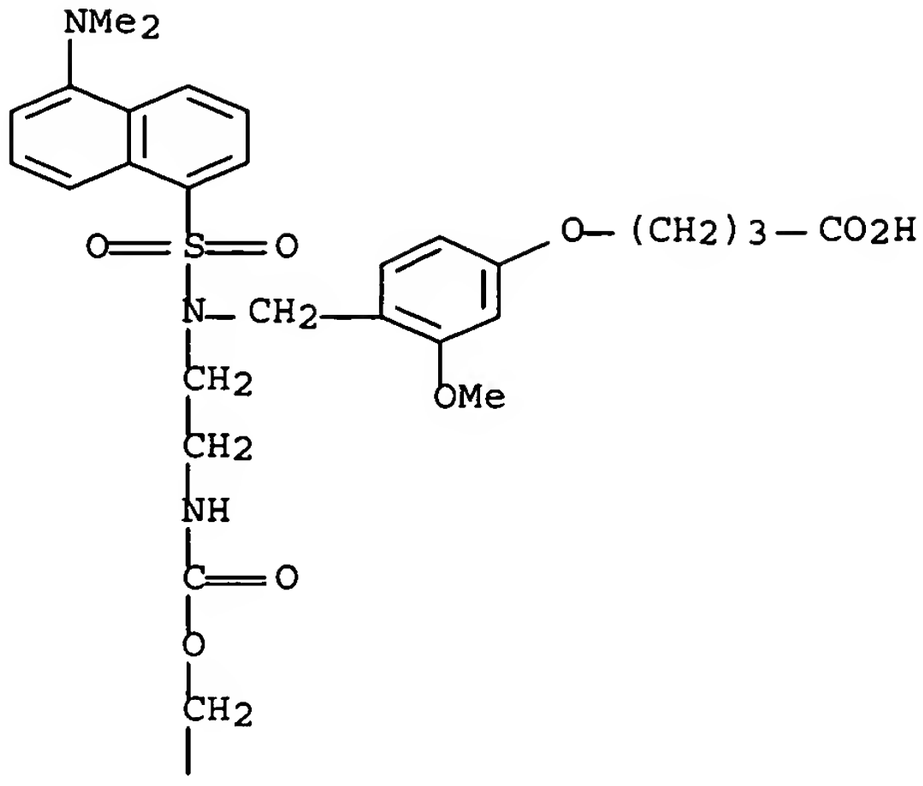


RN 816430-05-4 CAPLUS
CN Butanoic acid, 4-[4-[[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl][2-[[(9H-
fluoren-9-ylmethoxy)carbonyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]-
(9CI) (CA INDEX NAME)



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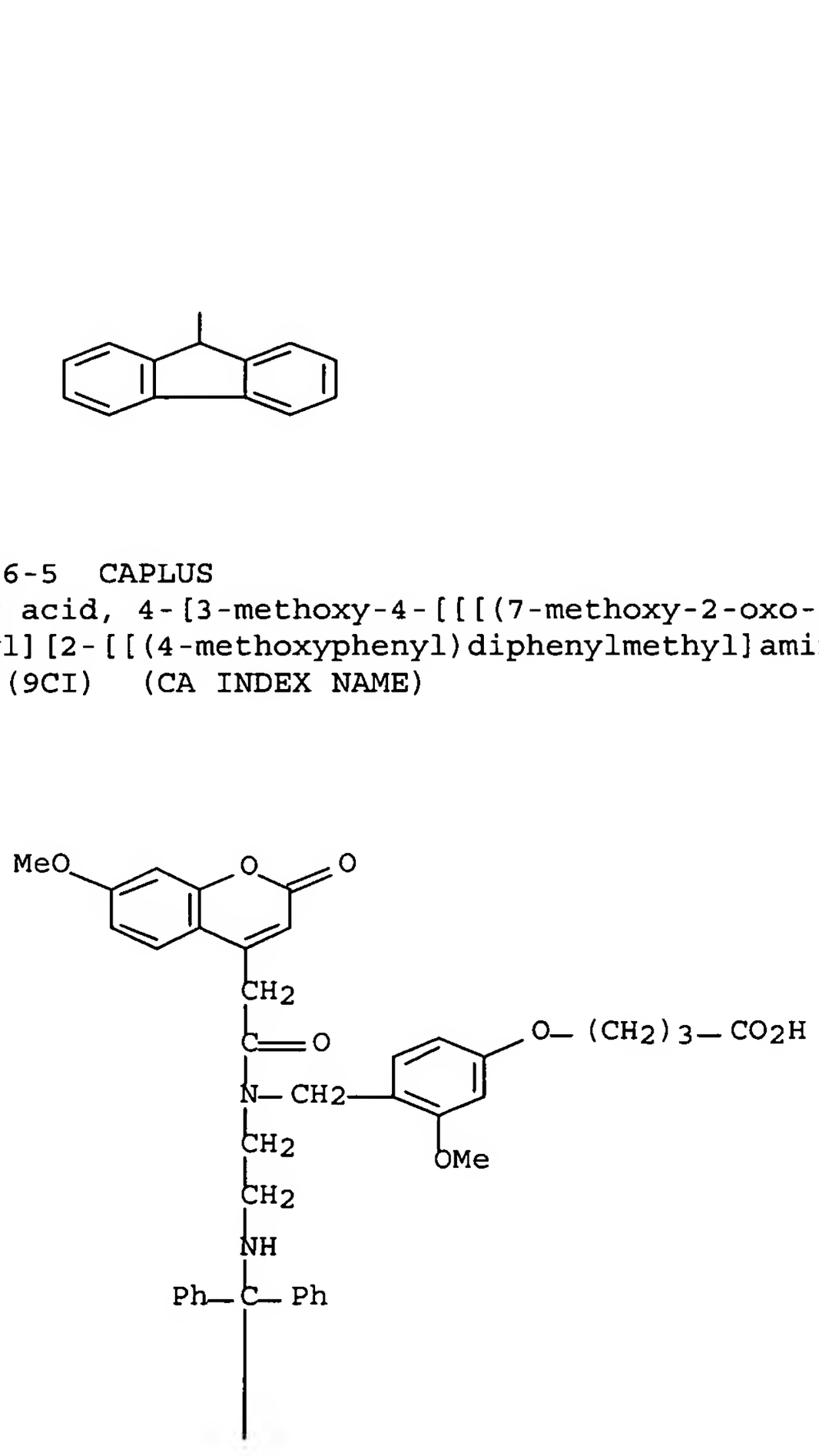
CN Butanoic acid, 4-[3-methoxy-4-[[[(7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



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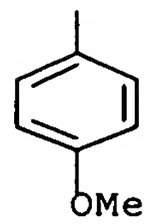
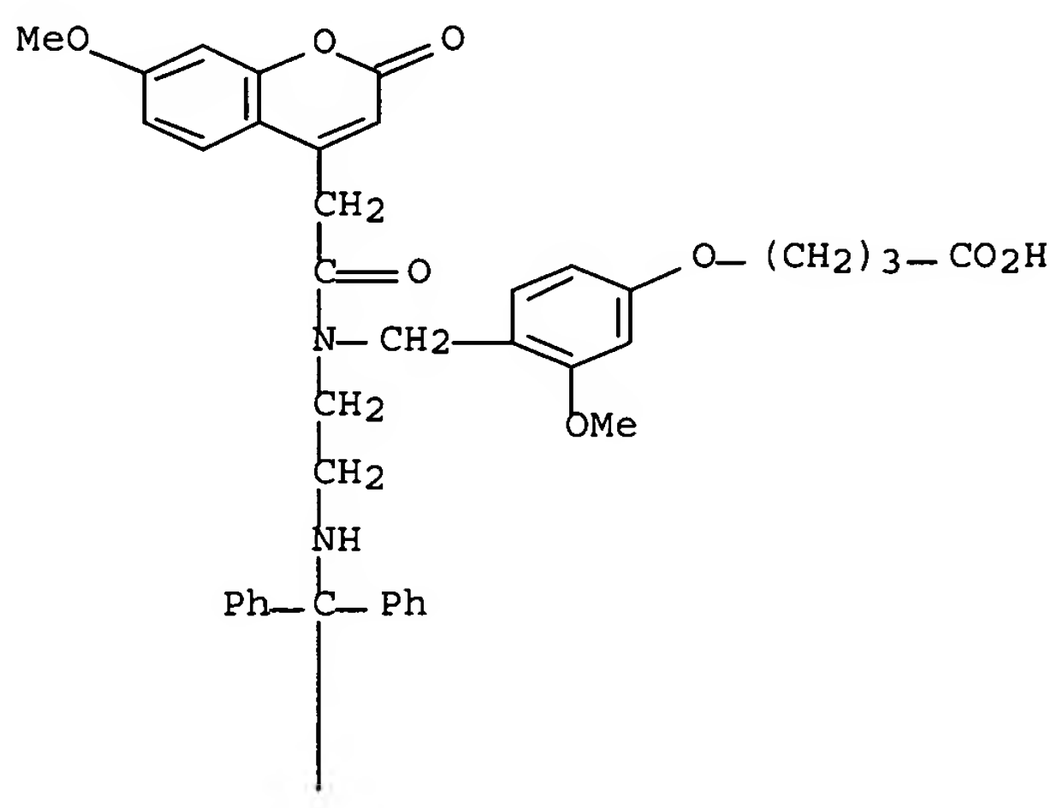


RN 816430-06-5 CAPLUS
CN Butanoic acid, 4-[3-methoxy-4-[[[(7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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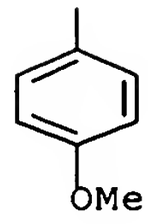

RN 816430-07-6 CAPLUS
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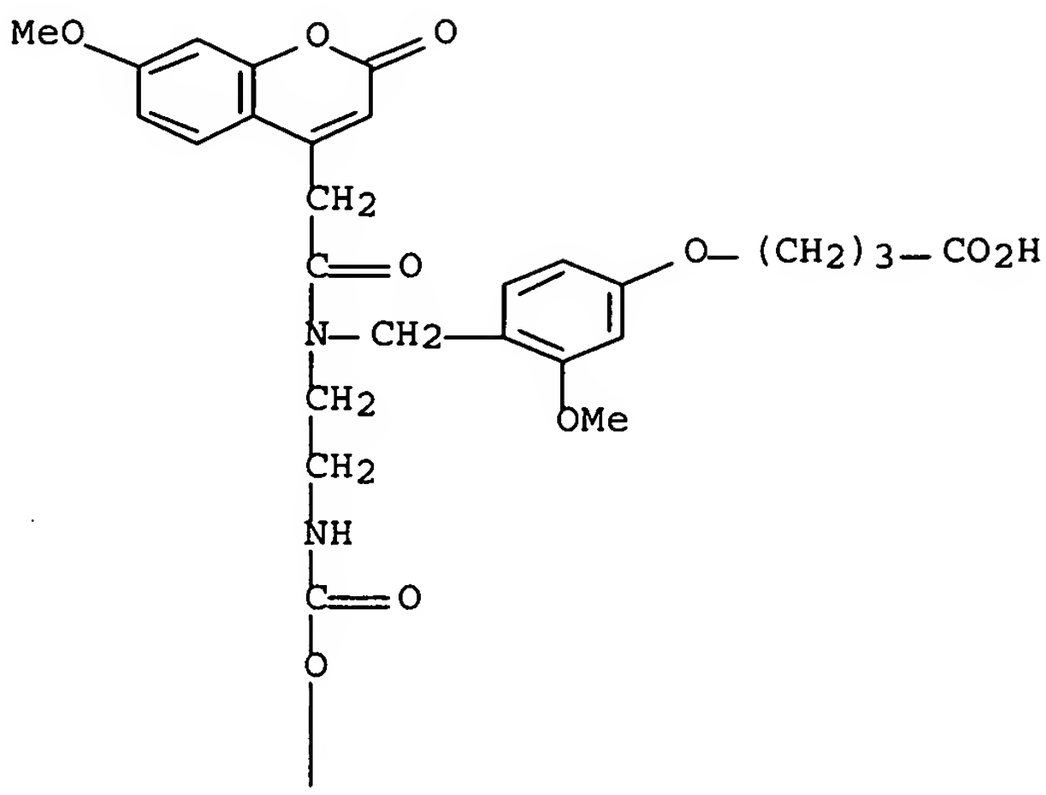
methoxyphenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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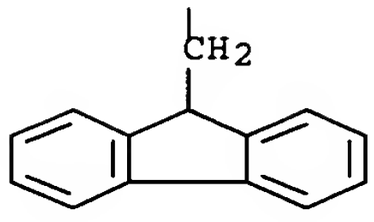
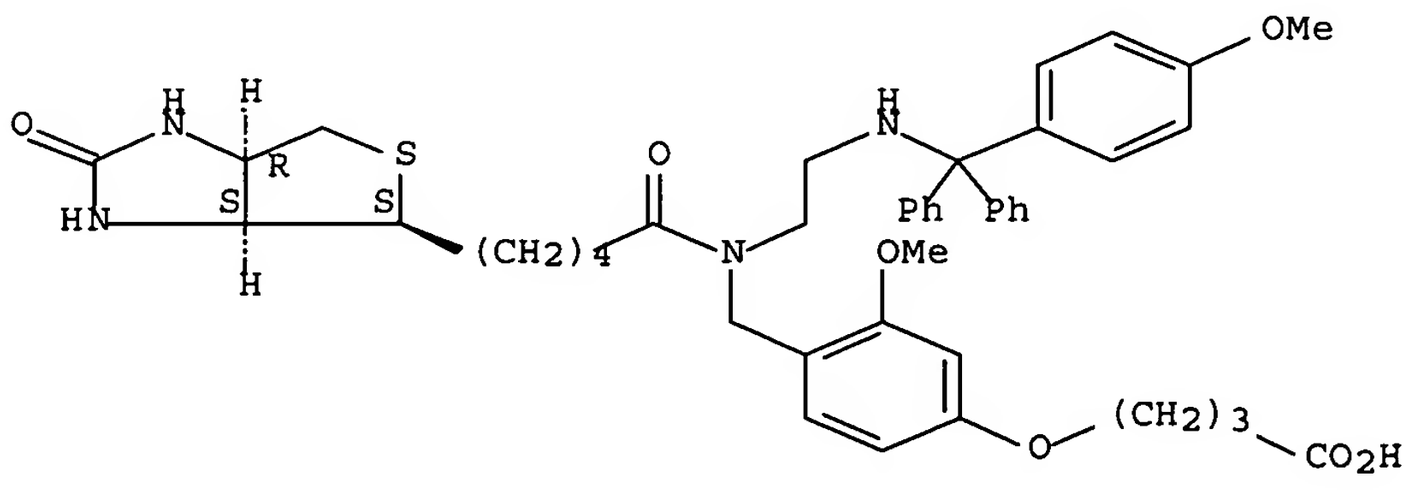


RN 816430-08-7 CAPLUS

CN Butanoic acid, 4-[4-[[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

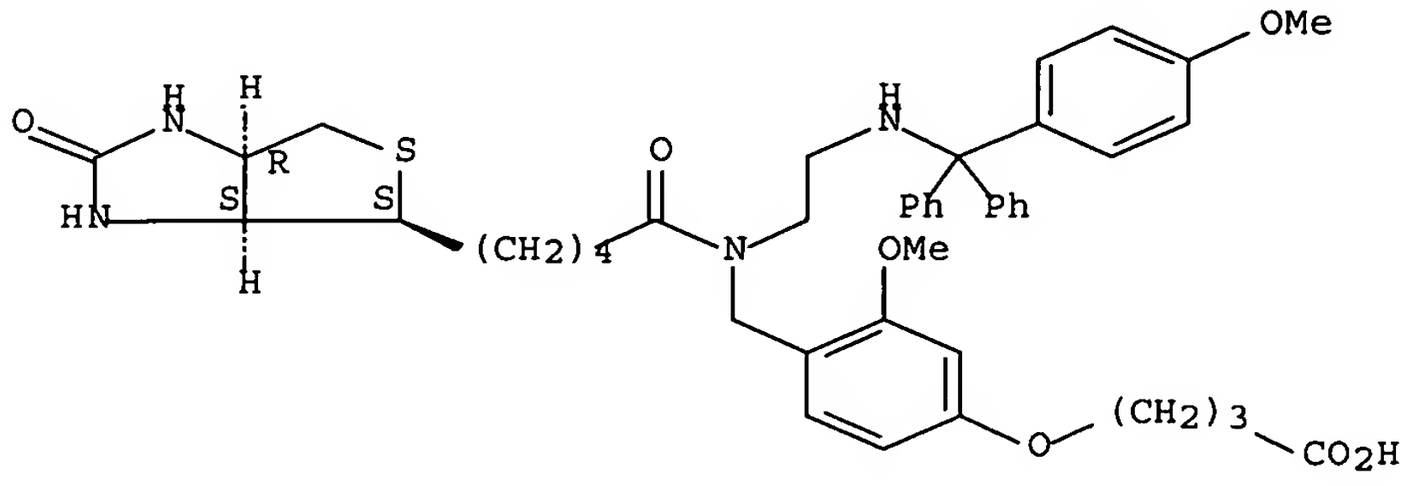
Absolute stereochemistry.



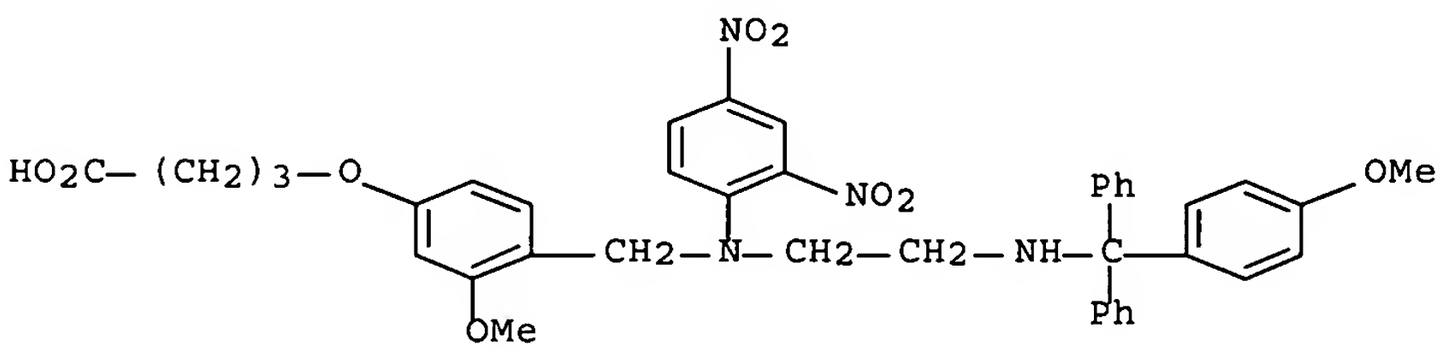
RN 816430-08-7 CAPLUS

CN Butanoic acid, 4-[4-[[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

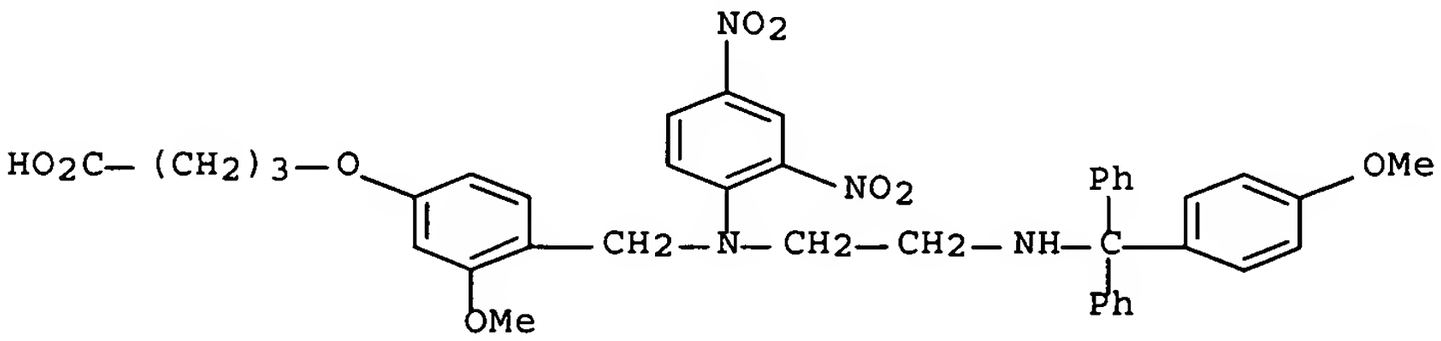
Absolute stereochemistry.



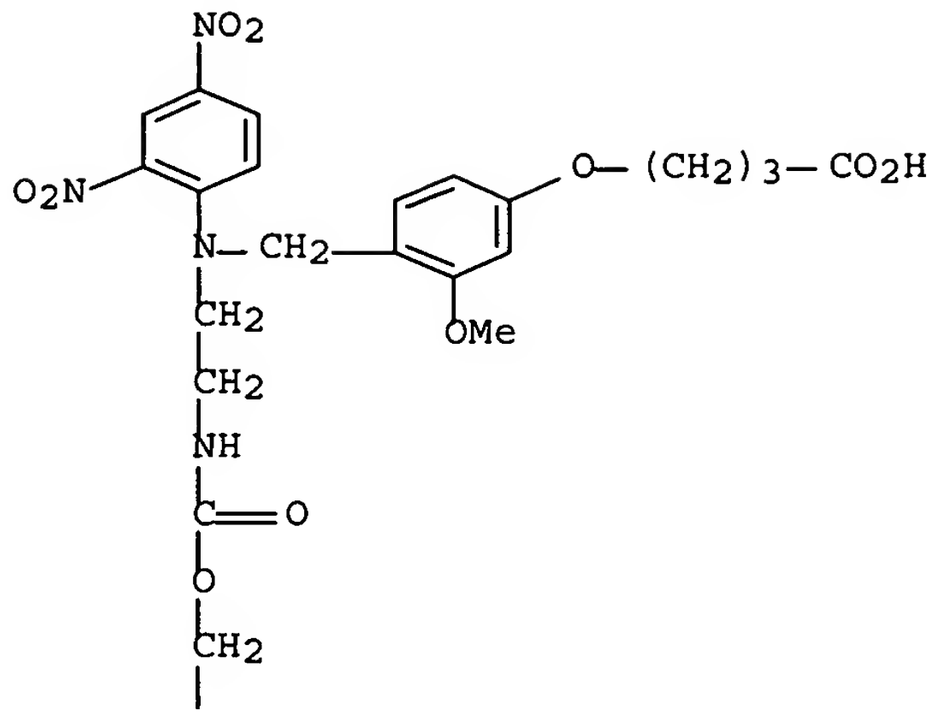
RN 816430-09-8 CAPLUS
CN Butanoic acid, 4-[4-[[(2,4-dinitrophenyl)[2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

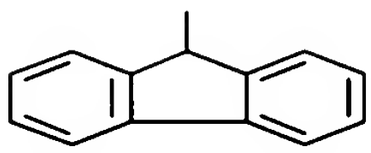


RN 816430-09-8 CAPLUS
CN Butanoic acid, 4-[4-[[(2,4-dinitrophenyl)[2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)



RN 816430-10-1 CAPLUS
CN Butanoic acid, 4-[4-[[(2,4-dinitrophenyl)[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)





RN 816430-11-2 CAPLUS
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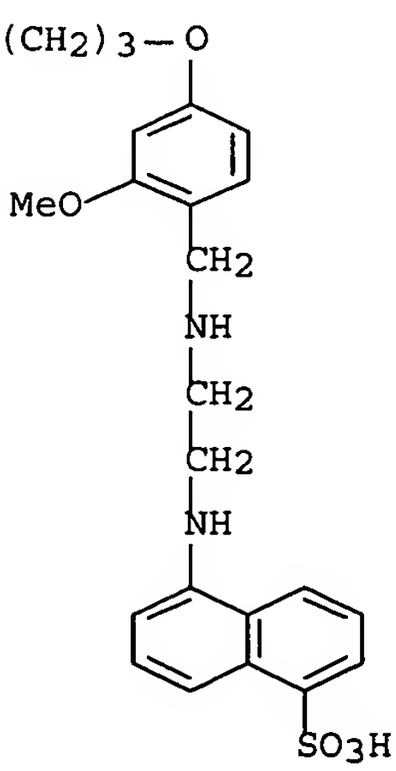
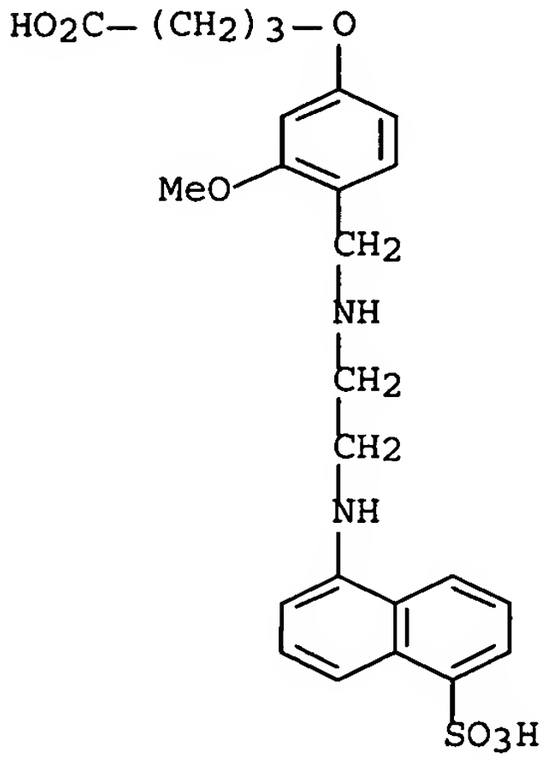


RN 816430-11-2 CAPLUS
CN Butanoic acid, 4-[3-methoxy-4-[[[2-[(5-sulfo-1-naphthalenyl)amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



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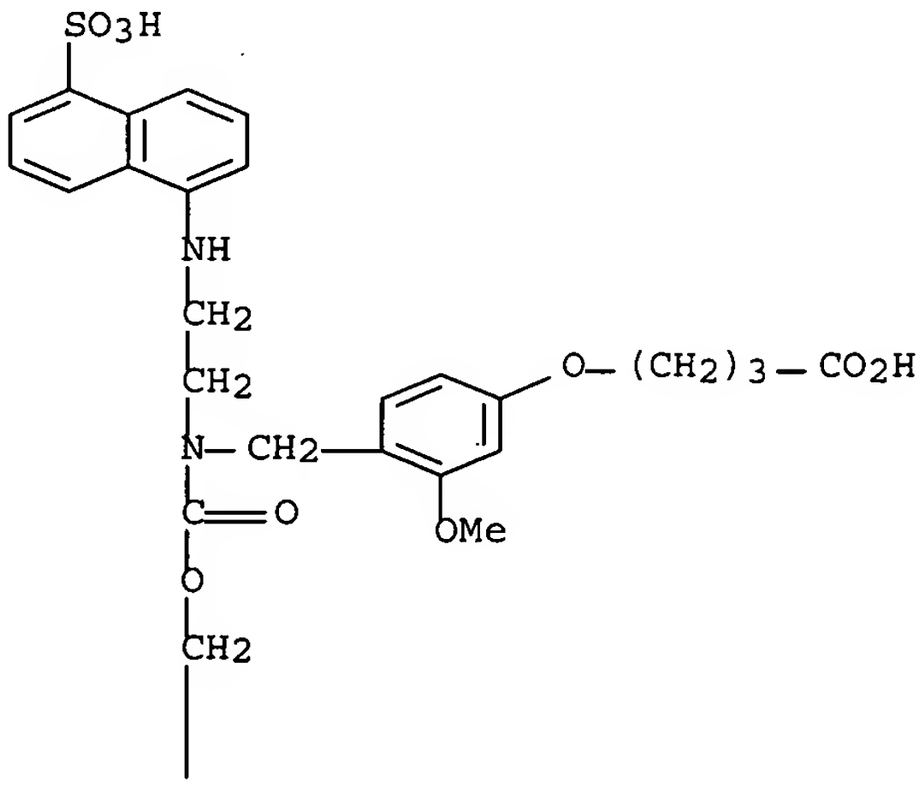
CN Butanoic acid, 4-[4-[[[(9H-fluoren-9-ylmethoxy)carbonyl][2-[(5-sulfo-1-naphthalenyl)amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)



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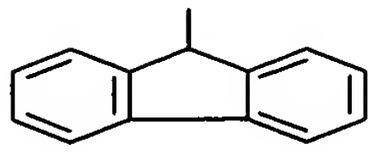
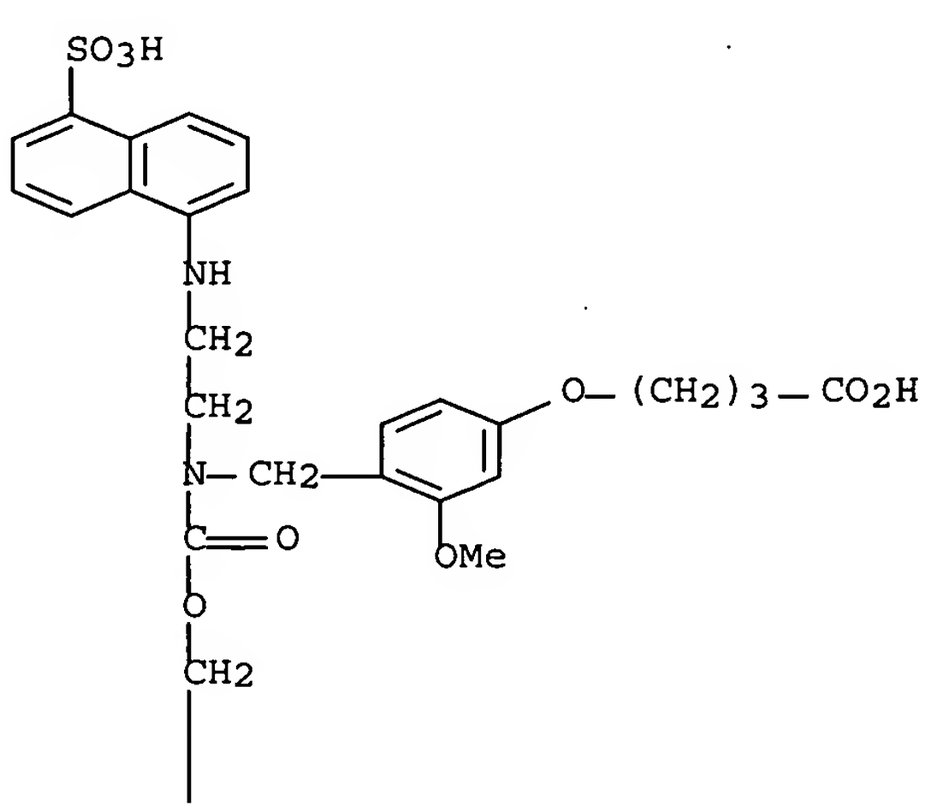


RN 816430-12-3 CAPLUS
CN Butanoic acid, 4-[4-[[[(9H-fluoren-9-ylmethoxy)carbonyl][2-[(5-sulfo-1-naphthalenyl)amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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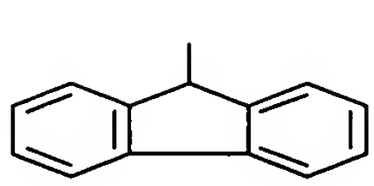
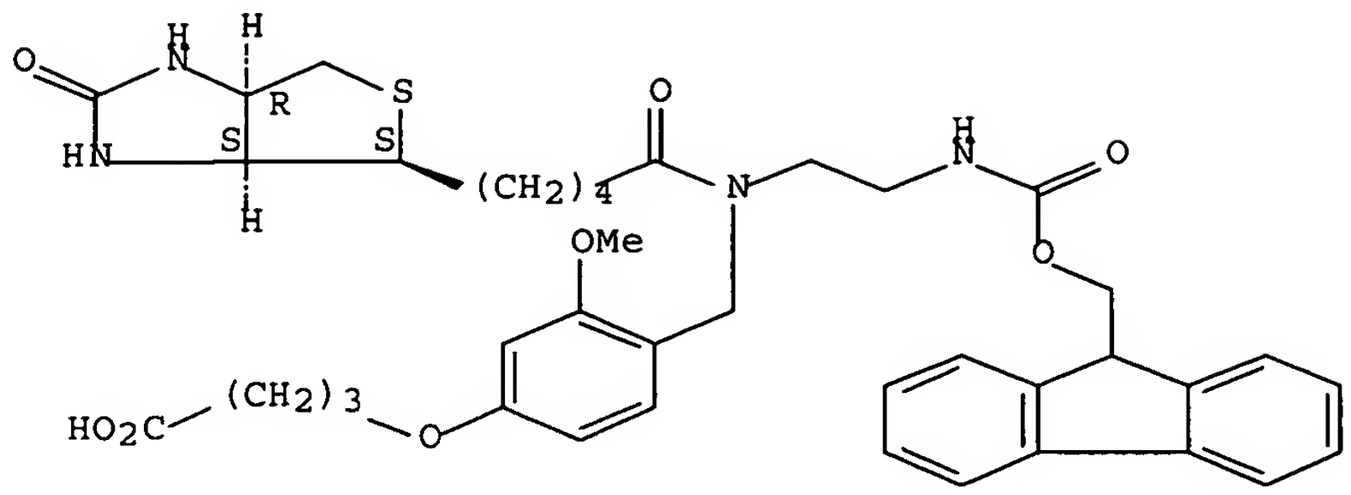


RN 816430-14-5 CAPLUS
CN Butanoic acid, 4-[4-[[[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl][5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

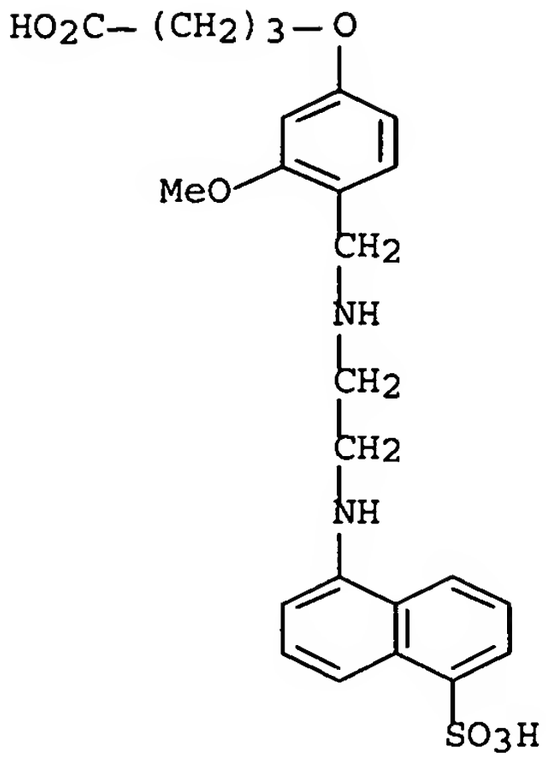


L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:1068183 CAPLUS Full-text
DOCUMENT NUMBER: 142:177109
TITLE: A solid phase linker strategy for the direct synthesis of EDANS-labeled peptide substrates
AUTHOR(S): Beythien, Joerg; White, Peter D.
CORPORATE SOURCE: Novabiochem, Merck Biosciences AG, Laufelfingen, CH-4448, Switz.
SOURCE: Tetrahedron Letters (2004), Volume Date 2005, 46(1), 101-104
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 142:177109

AB A novel linker strategy for the efficient synthesis of peptides C-terminally labeled with the EDANS [EDANS = 1-Naphthalenesulfonic acid, 5-[(2-aminoethyl)amino]-] fluorophore is described. Using this support, FRET peptide substrates bearing EDANS/Dabcyl [Dabcyl = benzoic acid, 4-[[4-(dimethylamino)phenyl]azo]-] fluorescent donor/acceptor groups can be readily prepared using standard Fmoc (Fmoc = 9-fluorenylmethyloxycarbonyl) solid phase methods.

IT 816430-11-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(solid phase synthesis of EDANS-labeled peptides)

RN 816430-11-2 CAPLUS
CN Butanoic acid, 4-[3-methoxy-4-[[[2-[(5-sulfo-1-naphthalenyl)amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=>
Executing the logoff script...

=> LOG Y

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FULL ESTIMATED COST	15.53	360.80

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FULL ESTIMATED COST	0.21	0.21

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DICTIONARY FILE UPDATES: 2 OCT 2006 HIGHEST RN 909344-31-6

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http://www.cas.org/ONLINE/UG/regprops.html

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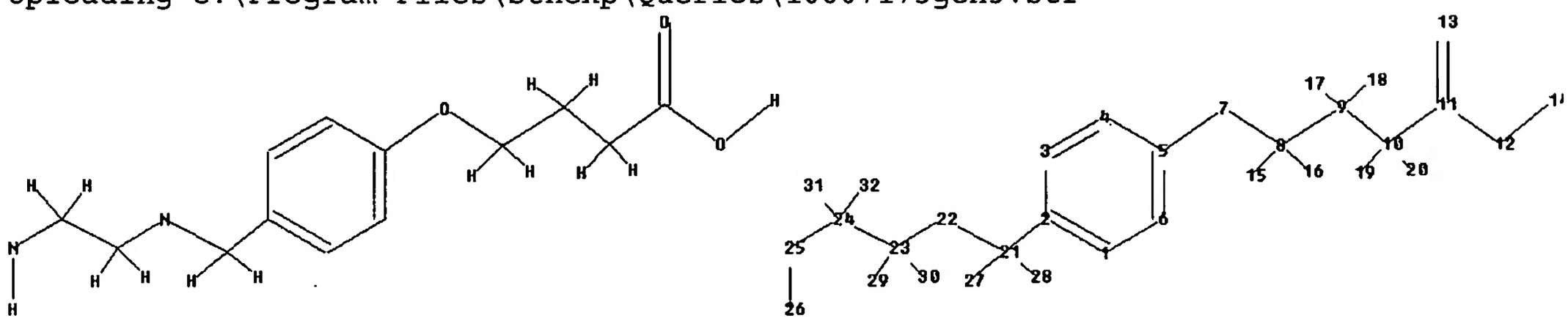

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ring nodes :
1 2 3 4 5 6
chain bonds :
2-21 5-7 7-8 8-9 8-15 8-16 9-10 9-17 9-18 10-11 10-19 10-20 11-12 11-13 12-14 21-22 21-27 21-28 22-23 23-24 23-29 23-30 24-25 24-31 24-32 25-26
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
5-7 7-8 21-22 22-23 24-25
exact bonds :

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23-24 23-29 23-30 24-31 24-32 25-26
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-13

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS
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31:CLASS 32:CLASS

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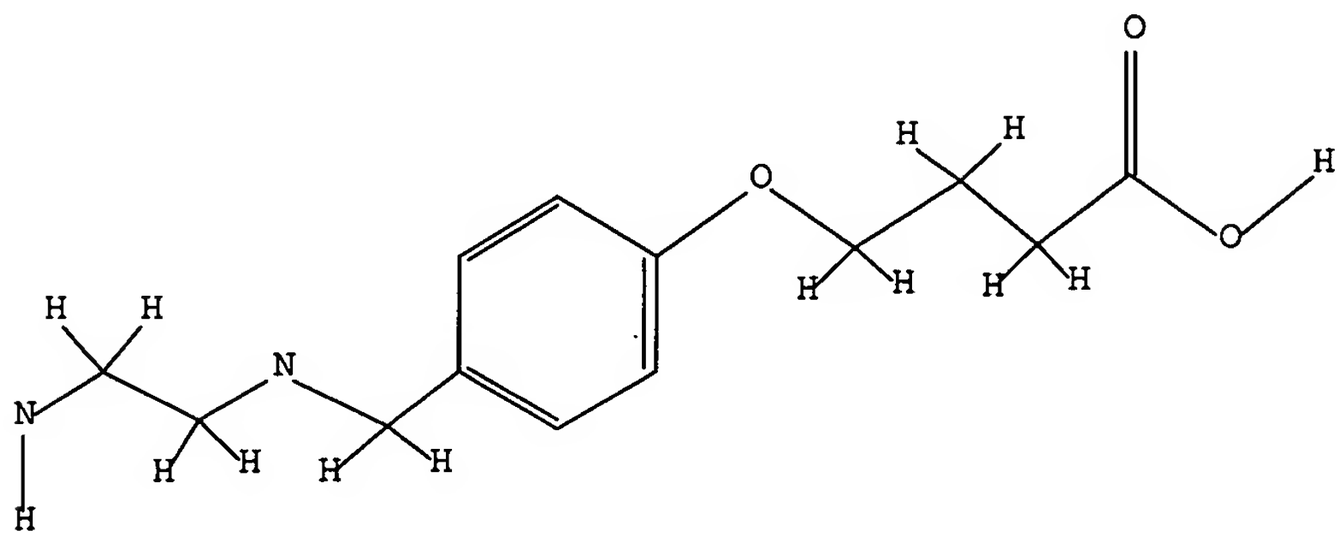
=> **d l1**

L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

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100.0% PROCESSED 71 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 915 TO 1925
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> **s l1 full**

FULL SEARCH INITIATED 12:39:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1438 TO ITERATE

100.0% PROCESSED 1438 ITERATIONS 11 ANSWERS
SEARCH TIME: 00.00.01

L3 11 SEA SSS FUL L1

=> **file caplus, medline, wpids, uspatfull**

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	166.94	167.15

FILE 'CAPLUS' ENTERED AT 12:39:56 ON 03 OCT 2006
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FILE 'USPATFULL' ENTERED AT 12:39:56 ON 03 OCT 2006
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=> **s l3**

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SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

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	BATCH	**COMPLETE**
PROJECTED ITERATIONS:	5 TO	117
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L4 3 L3

=> **d l4 1-3 ibib, abs, hitstr**

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:2014 CAPLUS Full-text
DOCUMENT NUMBER: 142:94138
TITLE: Method and building blocks for preparing C-terminally labeled peptides
INVENTOR(S): White, Peter David; Beythien, Jorg Karl Wilheim
PATENT ASSIGNEE(S): UK
SOURCE: U.S. Pat. Appl. Publ., 21 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

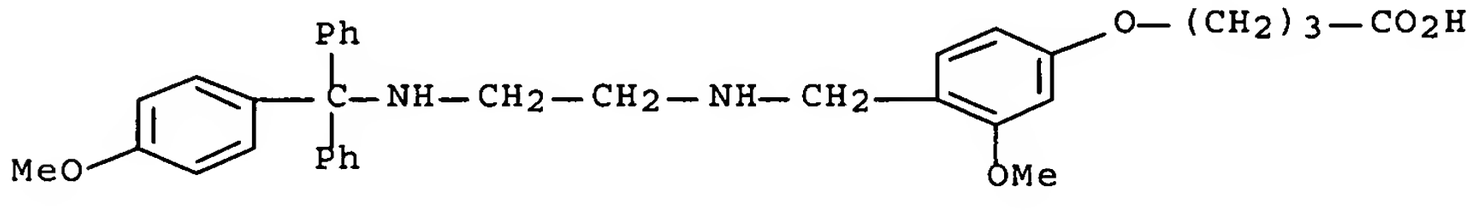
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

US 2004265949 A1 20041230 US 2003-607175 20030626
PRIORITY APPLN. INFO.: US 2003-607175 20030626
OTHER SOURCE(S): MARPAT 142:94138

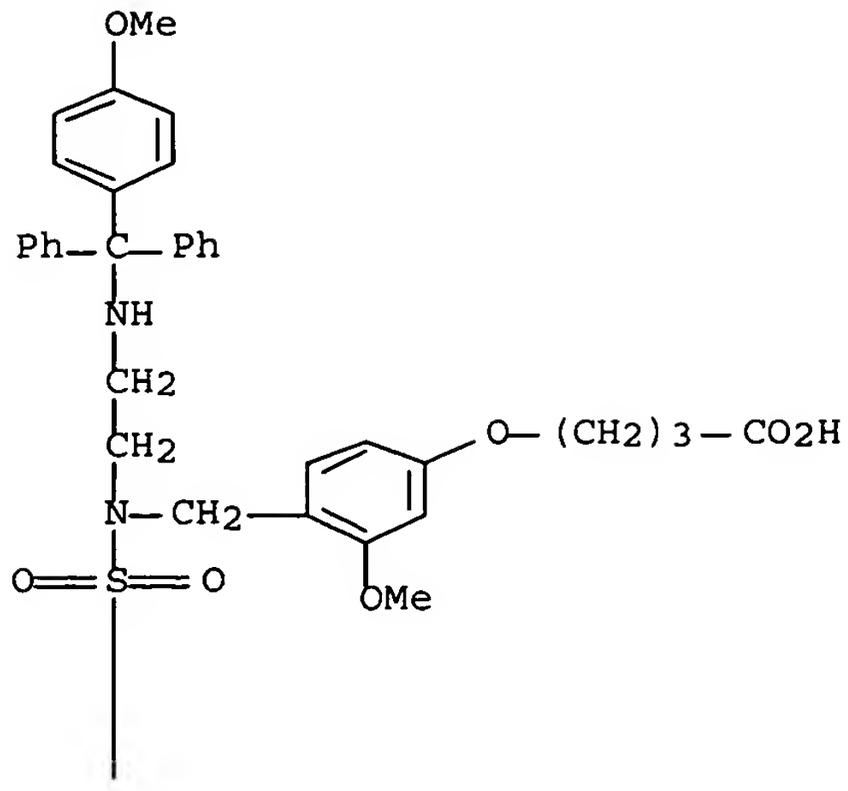
AB The invention relates to a solid-phase method for preparing C-terminally labeled peptides and building blocks to be used in this synthesis. The building blocks have formula A-N(Lm-B)Kn-C, where A is a functionality for the attachment to a solid support or a functionality already comprising a solid support, B is a functionality for the attachment of one or more amino acids or peptides or a functionality already comprising one or more amino acids or peptides, C is a functionality for the attachment of one or more labels or a functionality already comprising one or more labels, K, L are independently (un)substituted alkyl chains with at least two C-atoms (one or more non-neighboring C-atoms may be substituted by O, NH, alkyl- or arylimino, S, CO, an ester or amide group and/or neighboring C-atoms may be connected via a double or triple bond), and m, n are 0 or 1 with m + n ≥ 1. Thus, N-biotinyl-N'-Fmoc-ethylenediamine-MPB-AM-resin [MPB = [4-(3-carboxypropoxy)-2-methoxyphenyl]methyl; Fmoc = fluorenylmethoxycarbonyl] was prepared and applied to the synthesis of H-Asp-Glu-Val-Asp-Ala-Arg-NHCH2CH2NH-biotinyl.

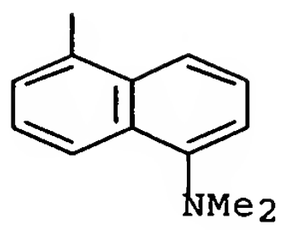
IT 816430-03-2P 816430-04-3DP, resin-bound
816430-04-3P 816430-05-4DP, resin-bound
816430-06-5DP, resin-bound 816430-06-5P
816430-07-6DP, resin-bound 816430-08-7DP, resin-bound
816430-08-7P 816430-09-8DP, resin-bound
816430-09-8P 816430-10-1DP, resin-bound
816430-11-2DP, resin-bound 816430-11-2P
816430-12-3DP, resin-bound 816430-12-3P
816430-14-5DP, resin-bound
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(solid-phase synthesis of C-terminally labeled peptides)

RN 816430-03-2 CAPLUS
CN Butanoic acid, 4-[3-methoxy-4-[[[2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



RN 816430-04-3 CAPLUS
CN Butanoic acid, 4-[4-[[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

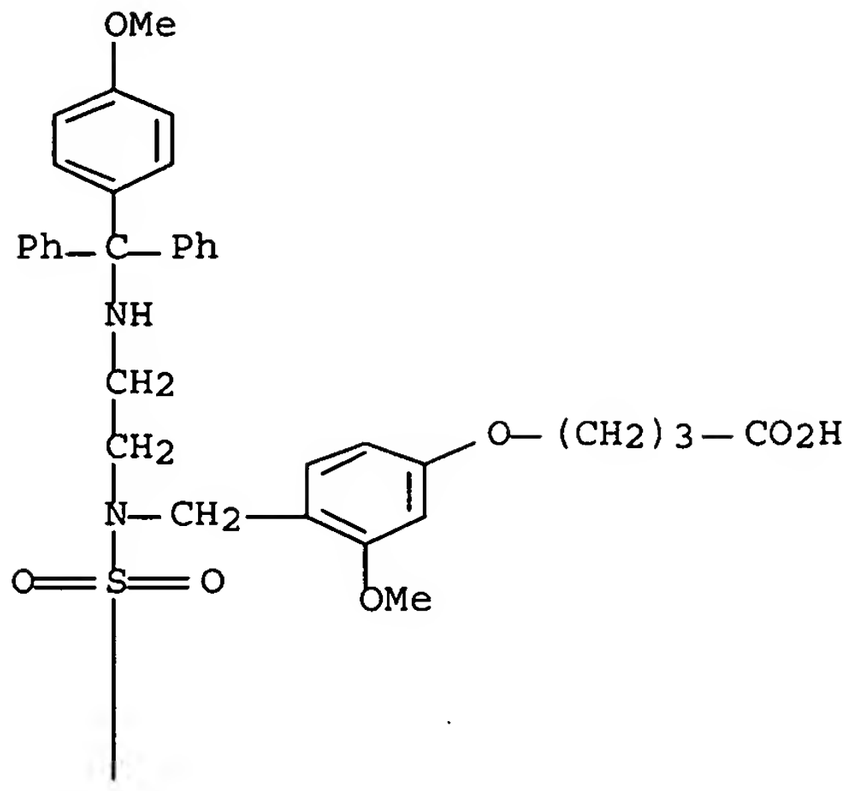




RN 816430-04-3 CAPLUS

CN Butanoic acid, 4-[4-[[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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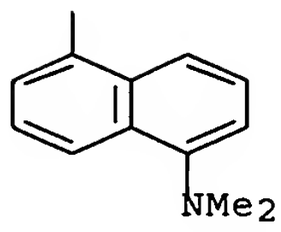
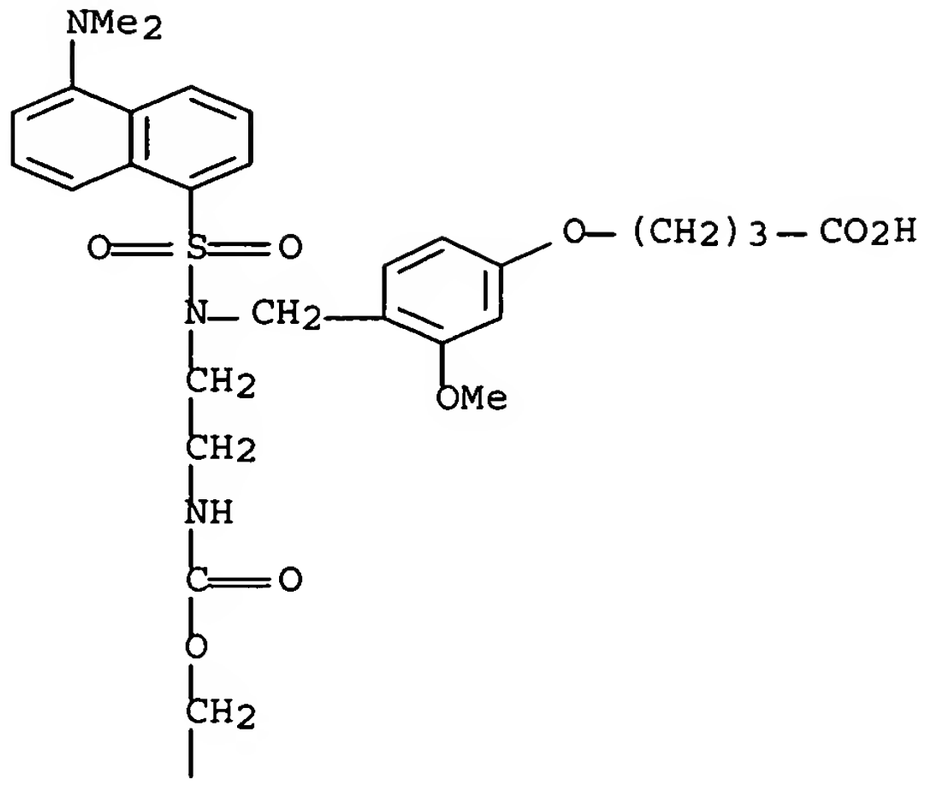
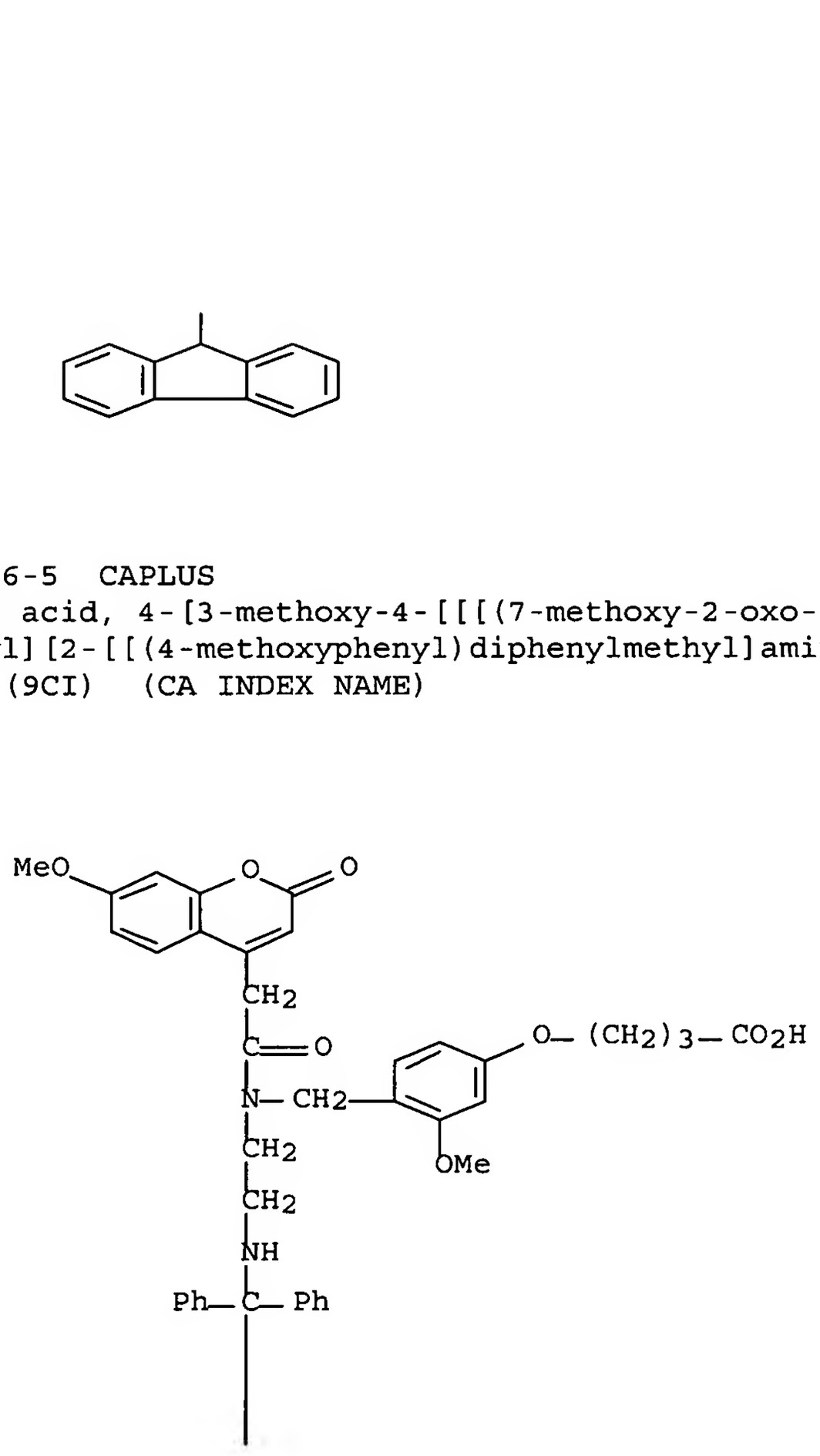


RN 816430-05-4 CAPLUS
CN Butanoic acid, 4-[4-[[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl][2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)



RN 816430-06-5 CAPLUS
CN Butanoic acid, 4-[3-methoxy-4-[[[(7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



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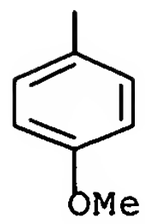
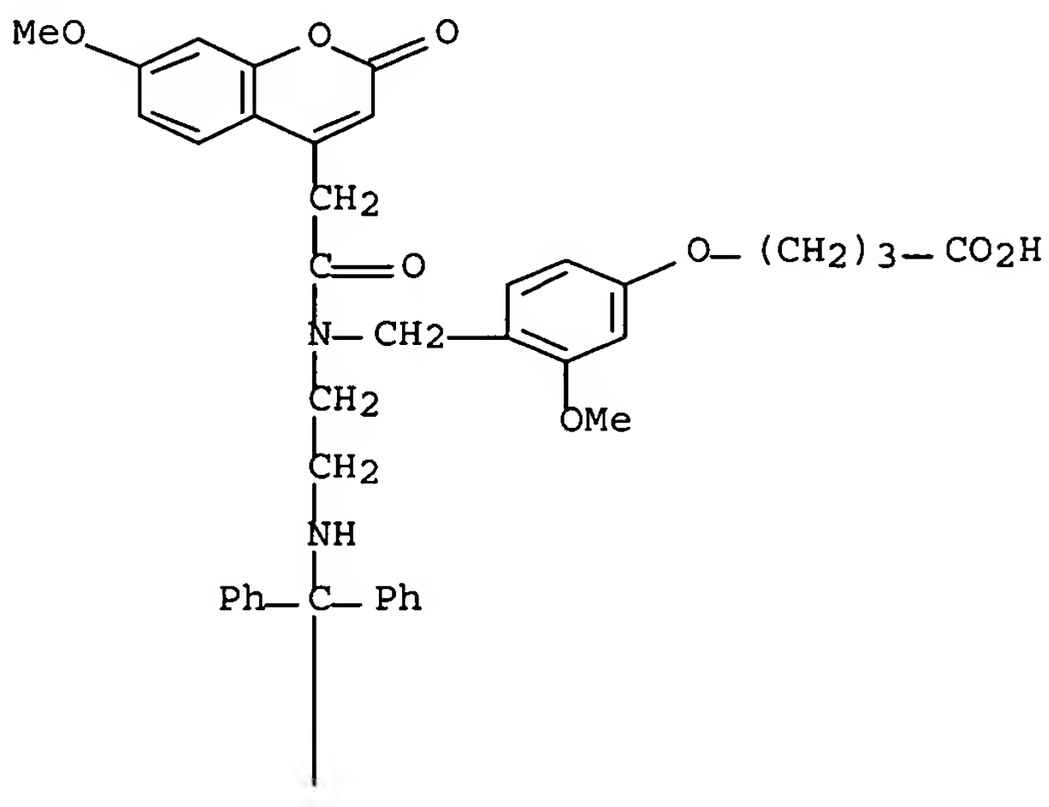


RN 816430-06-5 CAPLUS
CN Butanoic acid, 4-[3-methoxy-4-[[[(7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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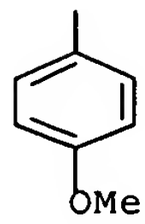
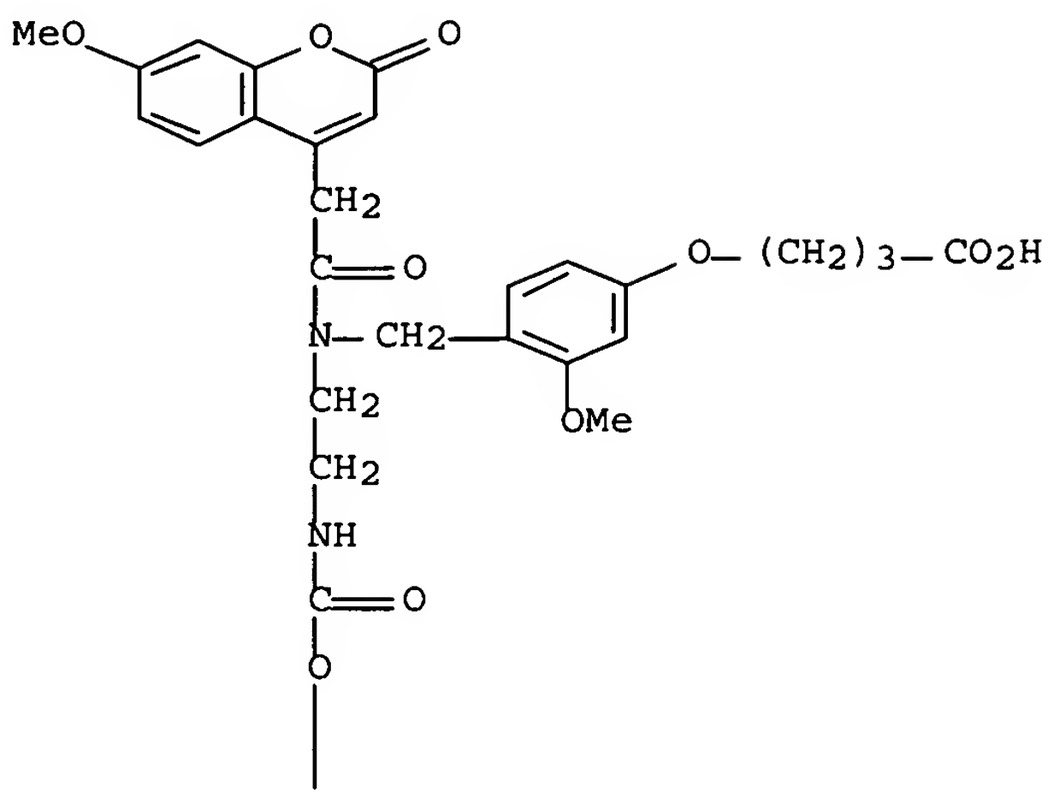


RN 816430-07-6 CAPLUS
CN Butanoic acid, 4-[4-[[[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl][(7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl]amino]methyl]-3-

methoxyphenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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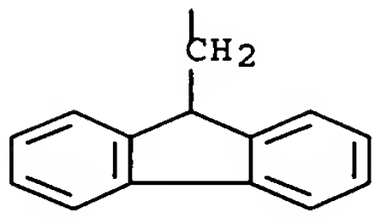
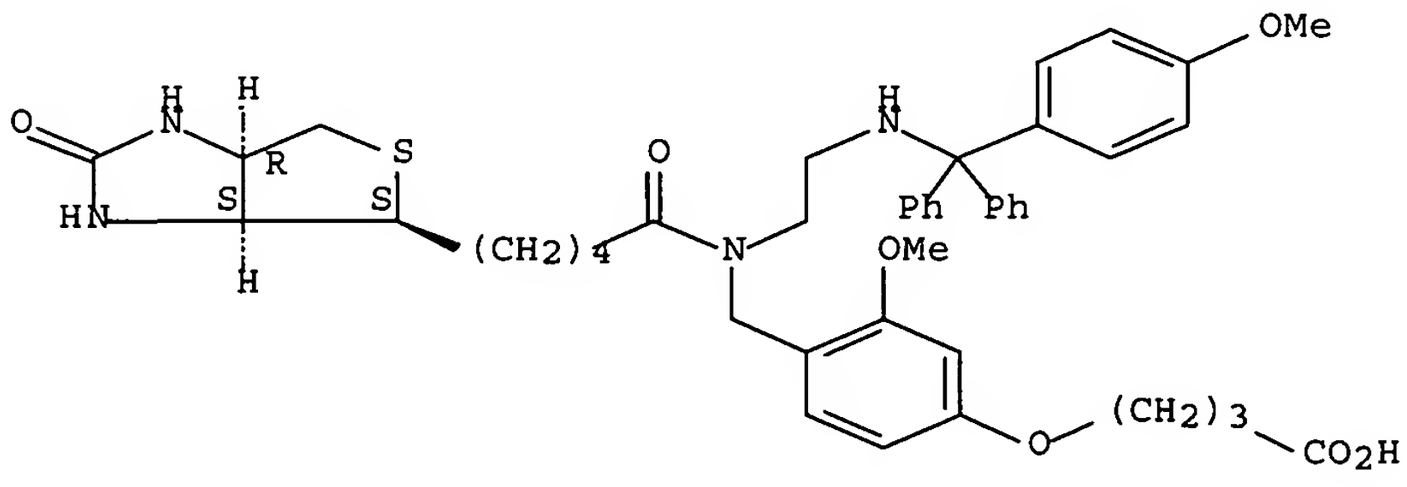


RN 816430-08-7 CAPLUS
CN Butanoic acid, 4-[4-[[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

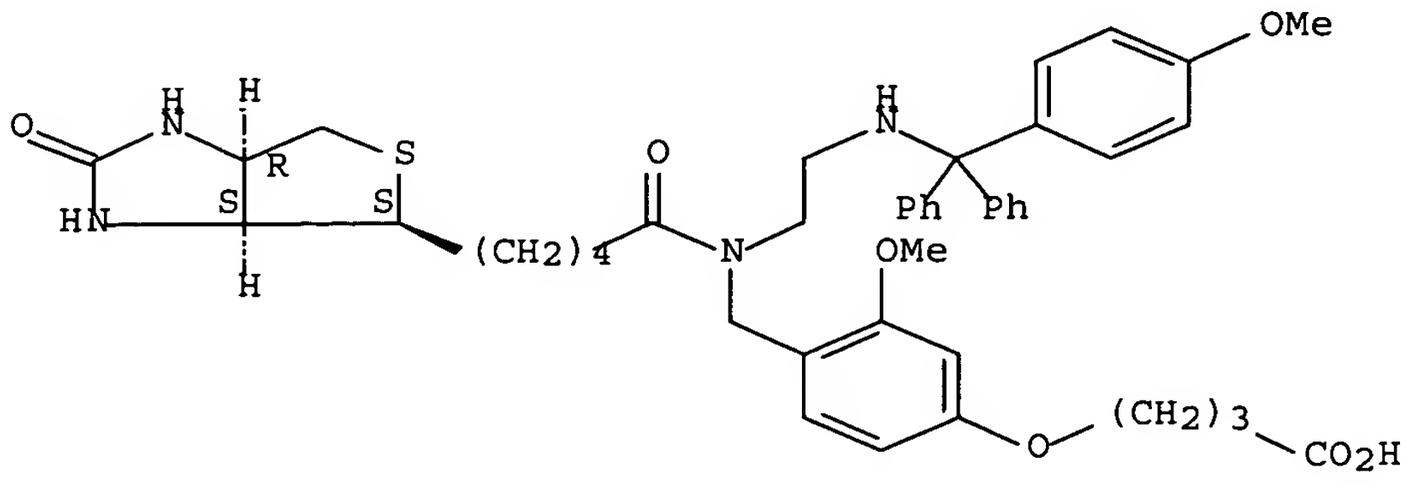
Absolute stereochemistry.



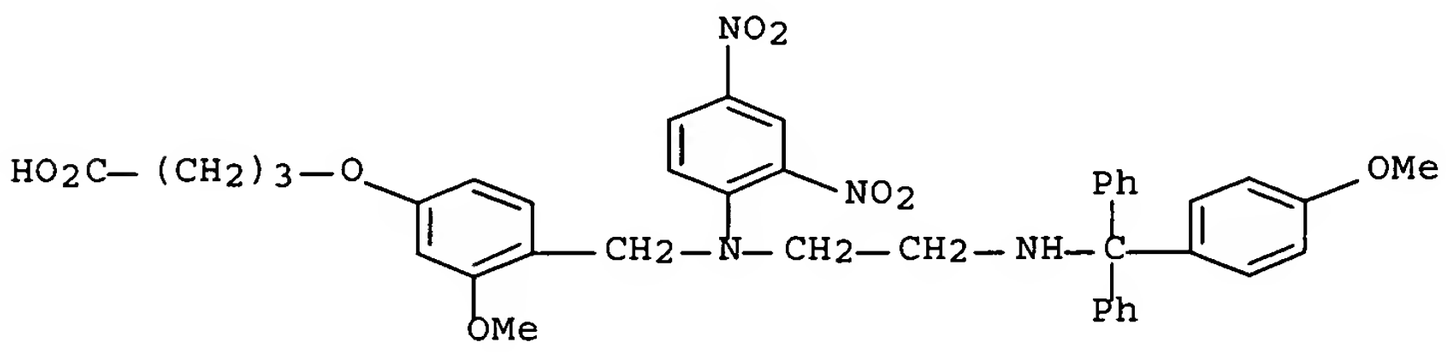
RN 816430-08-7 CAPLUS

CN Butanoic acid, 4-[4-[[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

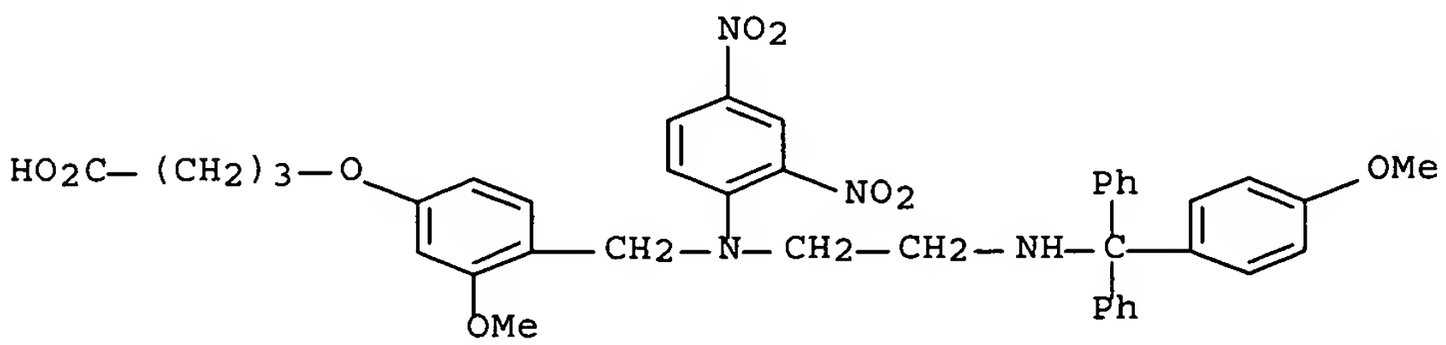
Absolute stereochemistry.



RN 816430-09-8 CAPLUS
CN Butanoic acid, 4-[4-[[(2,4-dinitrophenyl)[2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)



RN 816430-09-8 CAPLUS
CN Butanoic acid, 4-[4-[[(2,4-dinitrophenyl)[2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)



RN 816430-10-1 CAPLUS
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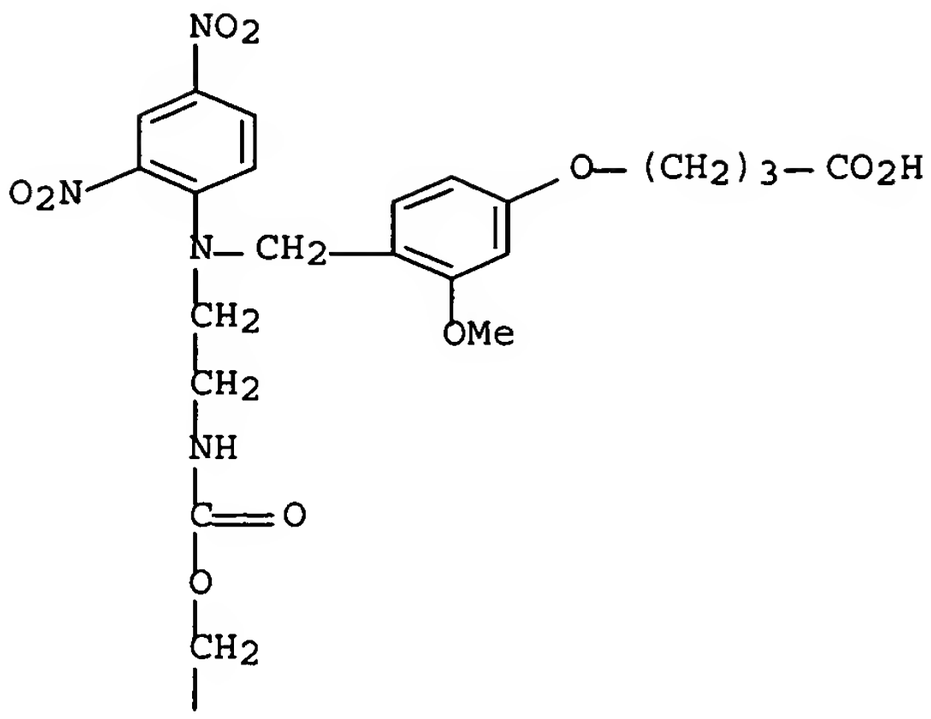
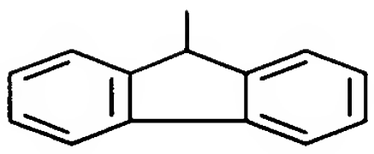
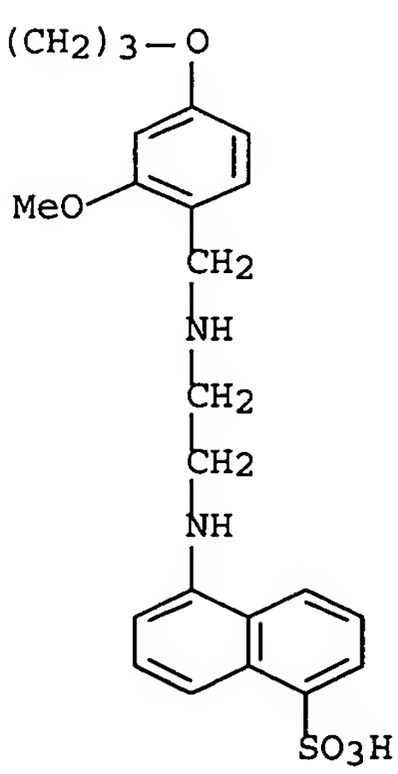
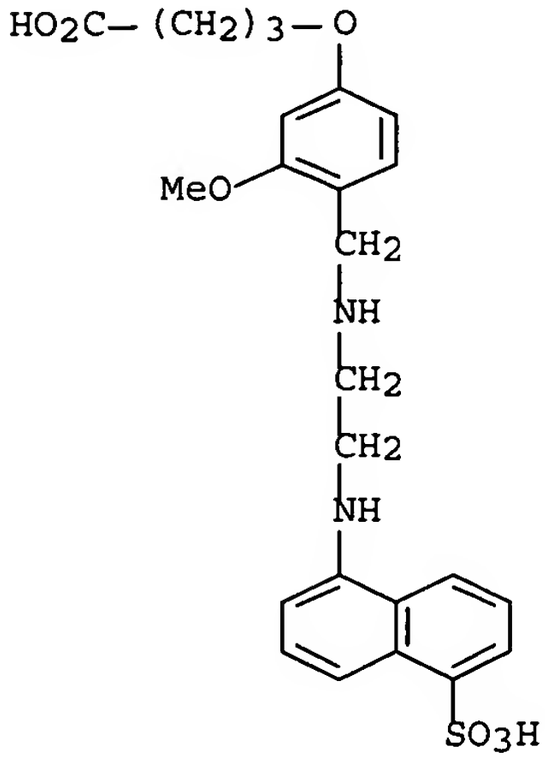




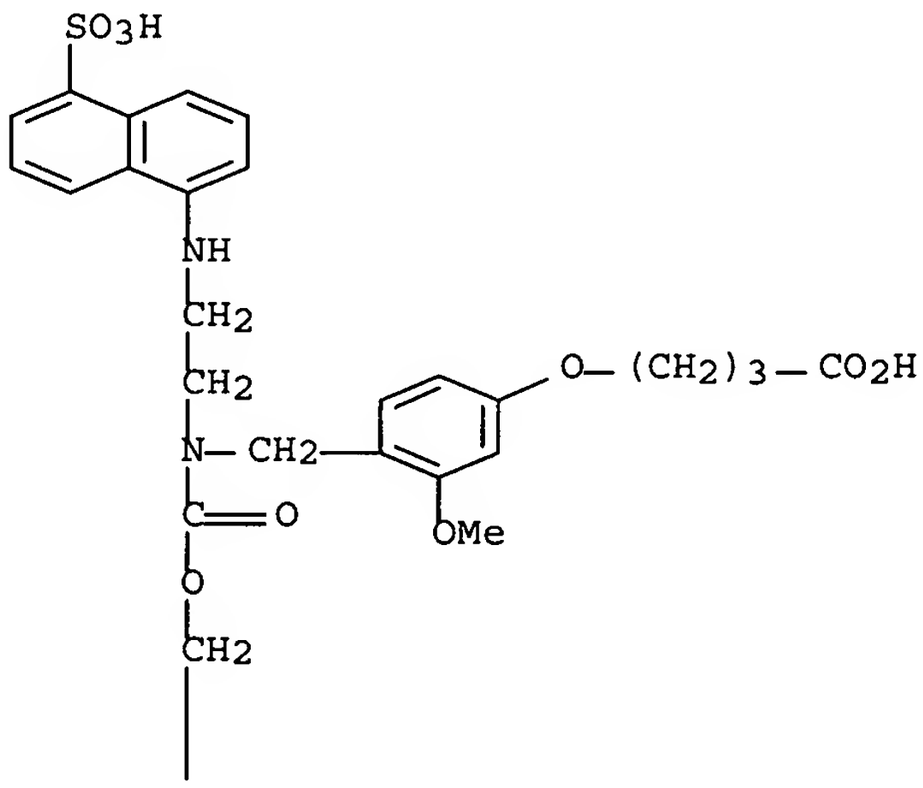
RN 816430-11-2 CAPLUS
CN Butanoic acid, 4-[3-methoxy-4-[[[2-[(5-sulfo-1-naphthalenyl)amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



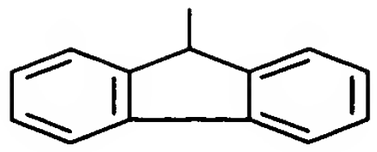
RN 816430-11-2 CAPLUS
CN Butanoic acid, 4-[3-methoxy-4-[[[2-[(5-sulfo-1-naphthalenyl)amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



RN 816430-12-3 CAPLUS
CN Butanoic acid, 4-[4-[[[(9H-fluoren-9-ylmethoxy)carbonyl][2-[(5-sulfo-1-naphthalenyl)amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

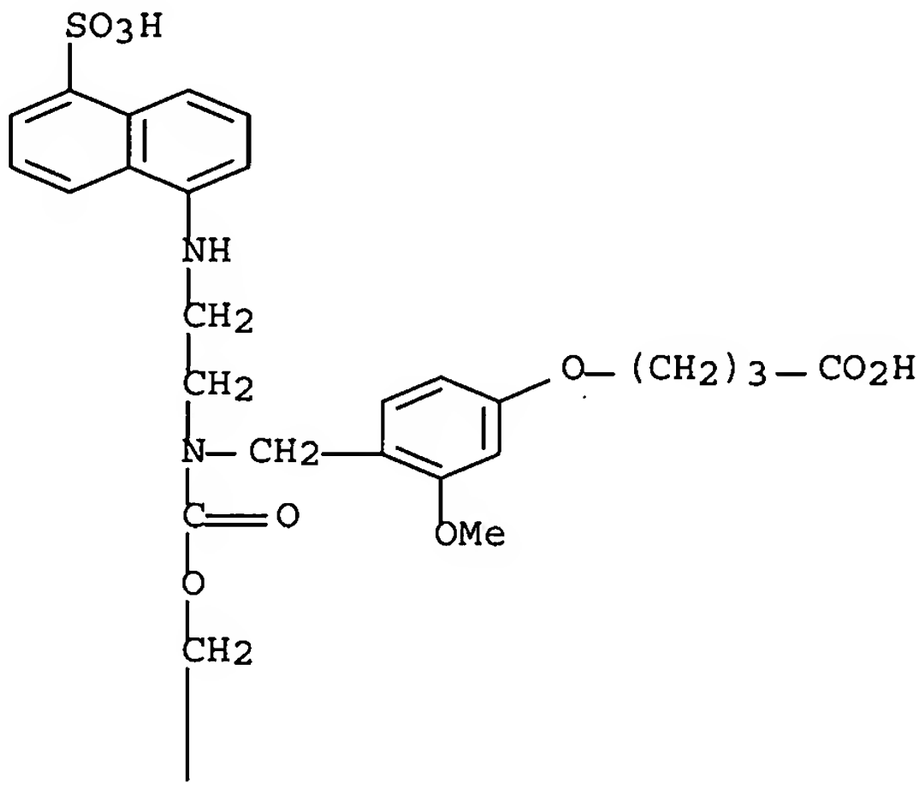


PAGE 2-A



RN 816430-12-3 CAPLUS
CN Butanoic acid, 4-[4-[[[(9H-fluoren-9-ylmethoxy)carbonyl][2-[(5-sulfo-1-naphthalenyl)amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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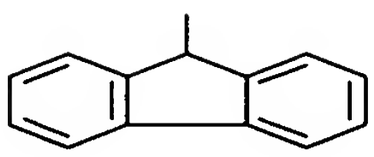
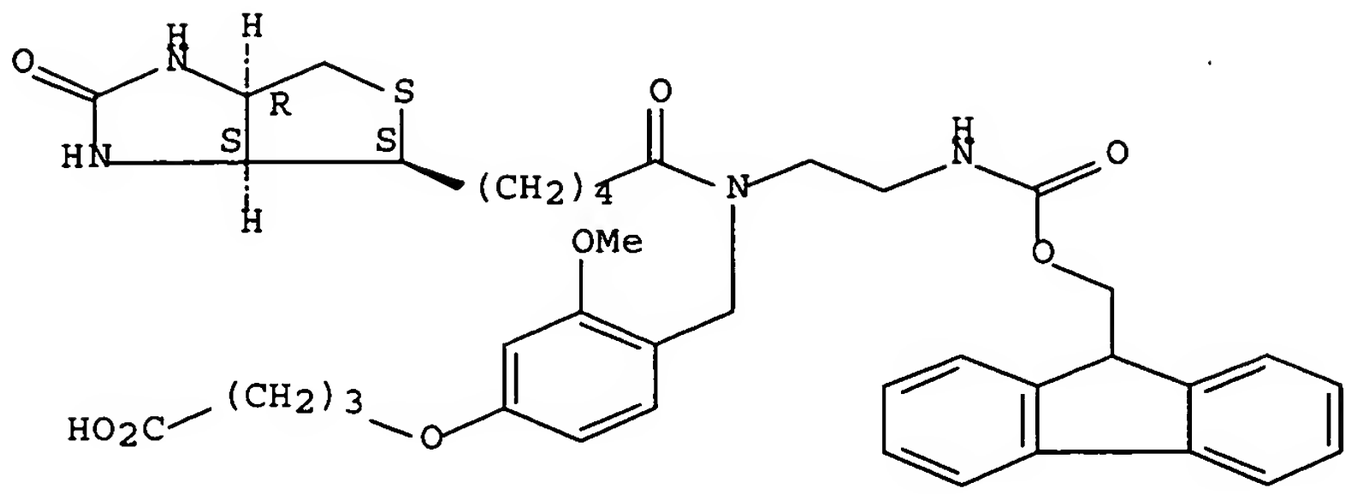


RN 816430-14-5 CAPLUS
CN Butanoic acid, 4-[4-[[[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl][5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

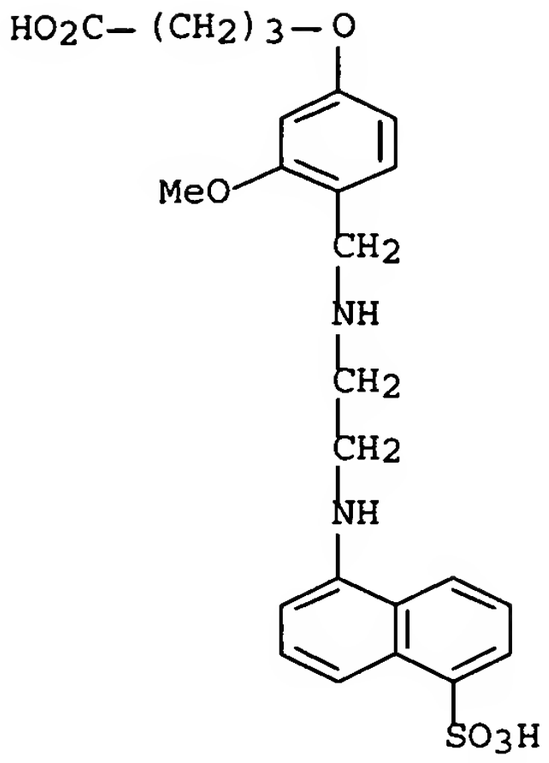


L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:1068183 CAPLUS Full-text
DOCUMENT NUMBER: 142:177109
TITLE: A solid phase linker strategy for the direct synthesis of EDANS-labeled peptide substrates
AUTHOR(S): Beythien, Joerg; White, Peter D.
CORPORATE SOURCE: Novabiochem, Merck Biosciences AG, Laufelfingen, CH-4448, Switz.
SOURCE: Tetrahedron Letters (2004), Volume Date 2005, 46(1), 101-104
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 142:177109

AB A novel linker strategy for the efficient synthesis of peptides C-terminally labeled with the EDANS [EDANS = 1-Naphthalenesulfonic acid, 5-[(2-aminoethyl)amino]-] fluorophore is described. Using this support, FRET peptide substrates bearing EDANS/Dabcyl [Dabcyl = benzoic acid, 4-[[4-(dimethylamino)phenyl]azo]-] fluorescent donor/acceptor groups can be readily prepared using standard Fmoc (Fmoc = 9-fluorenylmethyloxycarbonyl) solid phase methods.

IT 816430-11-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(solid phase synthesis of EDANS-labeled peptides)

RN 816430-11-2 CAPLUS
CN Butanoic acid, 4-[3-methoxy-4-[[[2-[(5-sulfo-1-naphthalenyl)amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2004:334867 USPATFULL Full-text

TITLE: Method and building blocks for preparing C-terminally labelled peptides

INVENTOR(S): White, Peter David, Southwell, UNITED KINGDOM
Beythien, Jorg Karl Wilheim, Budendorf, SWITZERLAND

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2004265949	A1	20041230	
APPLICATION INFO.:	US 2003-607175	A1	20030626	(10)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: FRELING E. BAKER, BROWN MARTIN HALLER & MCCLAIM, 1660 UNION STREET, SAN DIEGO, CA, 92101

NUMBER OF CLAIMS: 9

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 5 Drawing Page(s)

LINE COUNT: 1028

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method for preparing C-terminally labelled peptides and building blocks to be used in this synthesis includes a trivalent nitrogen atom having at least one device for attachment to a solid support, one device for the attachment of amino acids and one device for attachment of a label, whereby the device for the attachment of amino acids and/or the device for the attachment of a label is a linker, e.g. an alkyl- or polyethyleneglycol- linker.

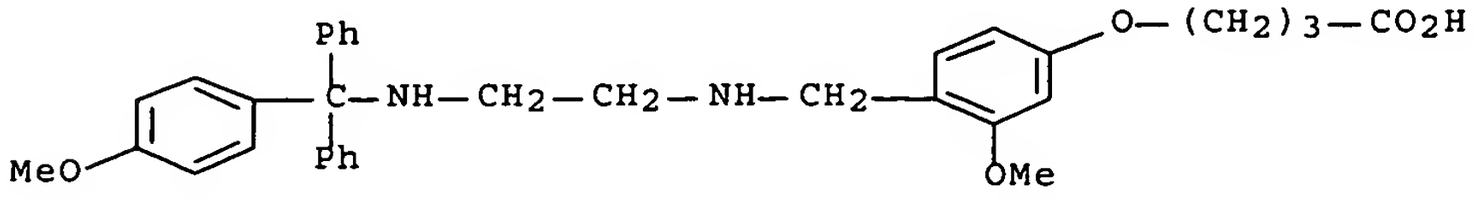
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 816430-03-2P 816430-04-3DP, resin-bound
816430-04-3P 816430-05-4DP, resin-bound
816430-06-5DP, resin-bound 816430-06-5P
816430-07-6DP, resin-bound 816430-08-7DP, resin-bound
816430-08-7P 816430-09-8DP, resin-bound
816430-09-8P 816430-10-1DP, resin-bound
816430-11-2DP, resin-bound 816430-11-2P
816430-12-3DP, resin-bound 816430-12-3P

816430-14-5DP, resin-bound
(solid-phase synthesis of C-terminally labeled peptides)

RN 816430-03-2 USPATFULL

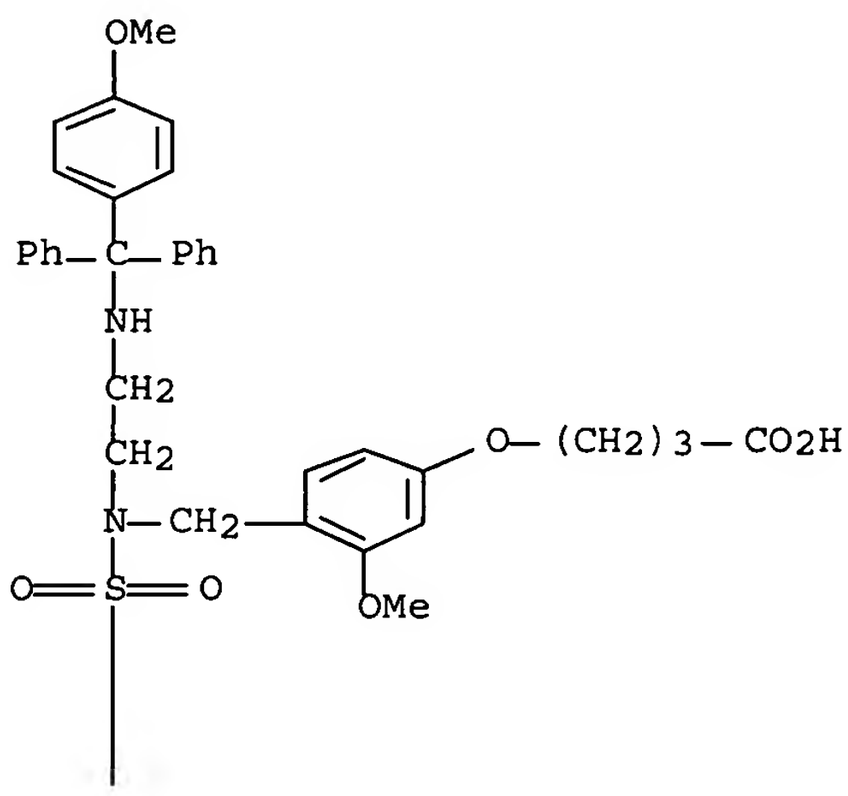
CN Butanoic acid, 4-[3-methoxy-4-[[[2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



RN 816430-04-3 USPATFULL

CN Butanoic acid, 4-[4-[[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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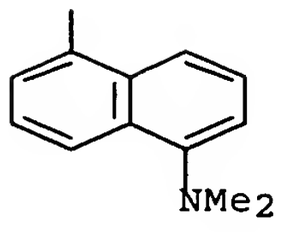

RN 816430-04-3 USPATFULL

CN Butanoic acid, 4-[4-[[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]-

(9CI) (CA INDEX NAME)

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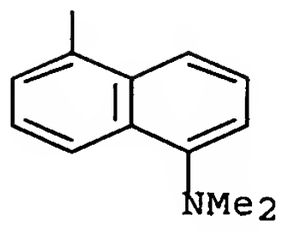
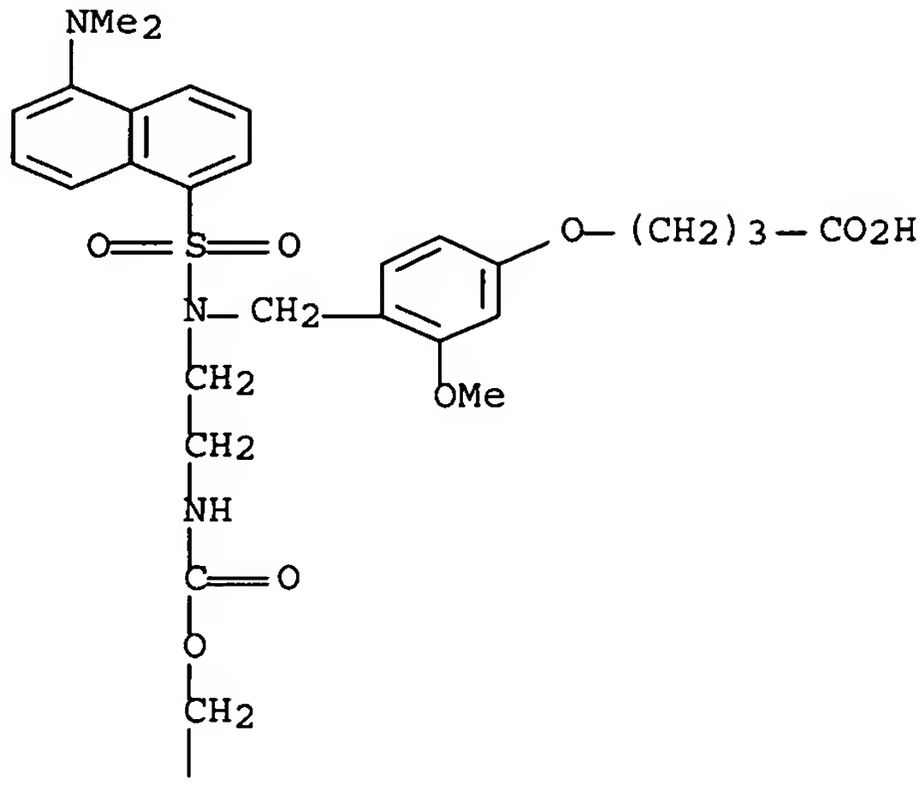
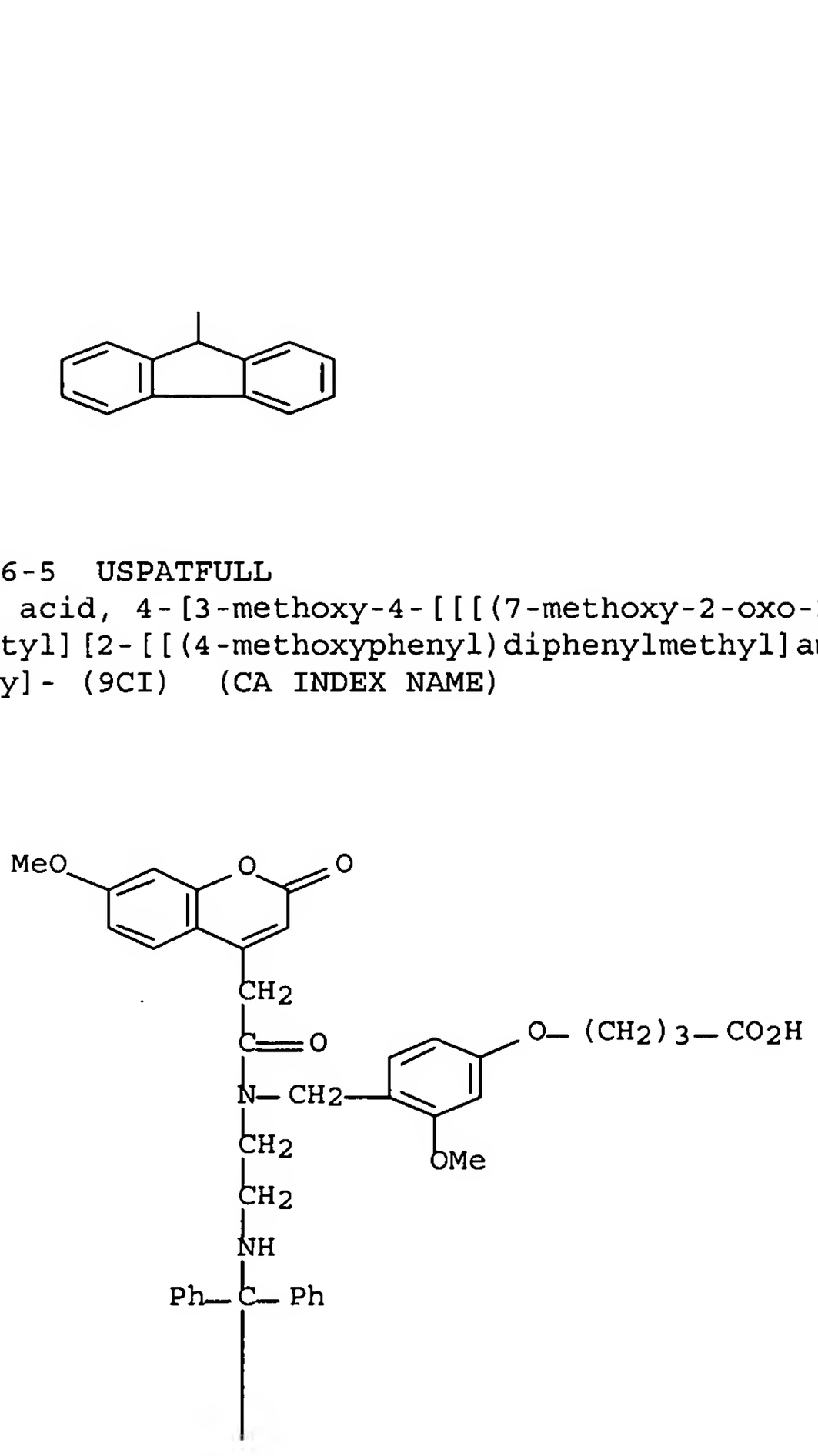


RN 816430-05-4 USPATFULL
CN Butanoic acid, 4-[4-[[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl][2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]-

(9CI) (CA INDEX NAME)



RN 816430-06-5 USPATFULL
CN Butanoic acid, 4-[3-methoxy-4-[[[(7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



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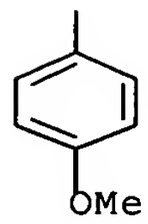
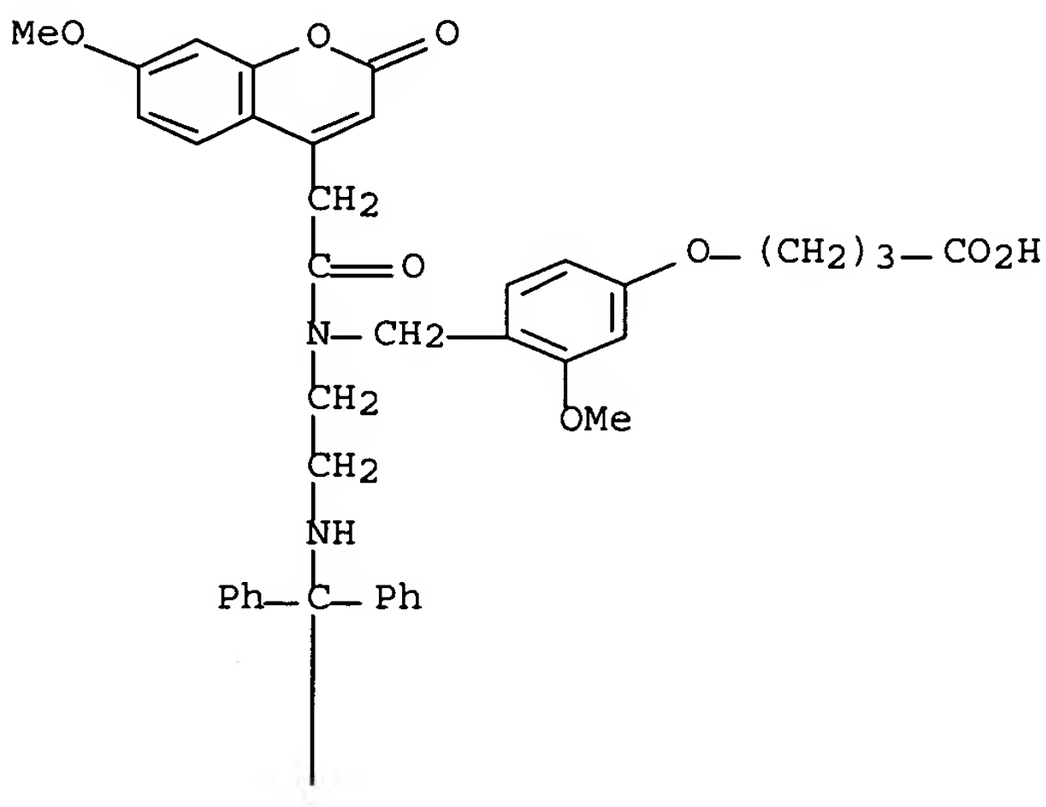


RN 816430-06-5 USPATFULL
CN Butanoic acid, 4-[3-methoxy-4-[[[(7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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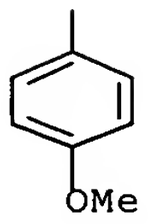

RN 816430-07-6 USPATFULL
CN Butanoic acid, 4-[4-[[[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl][(7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl]amino]methyl]-3-

methoxyphenoxy]- (9CI) (CA INDEX NAME)

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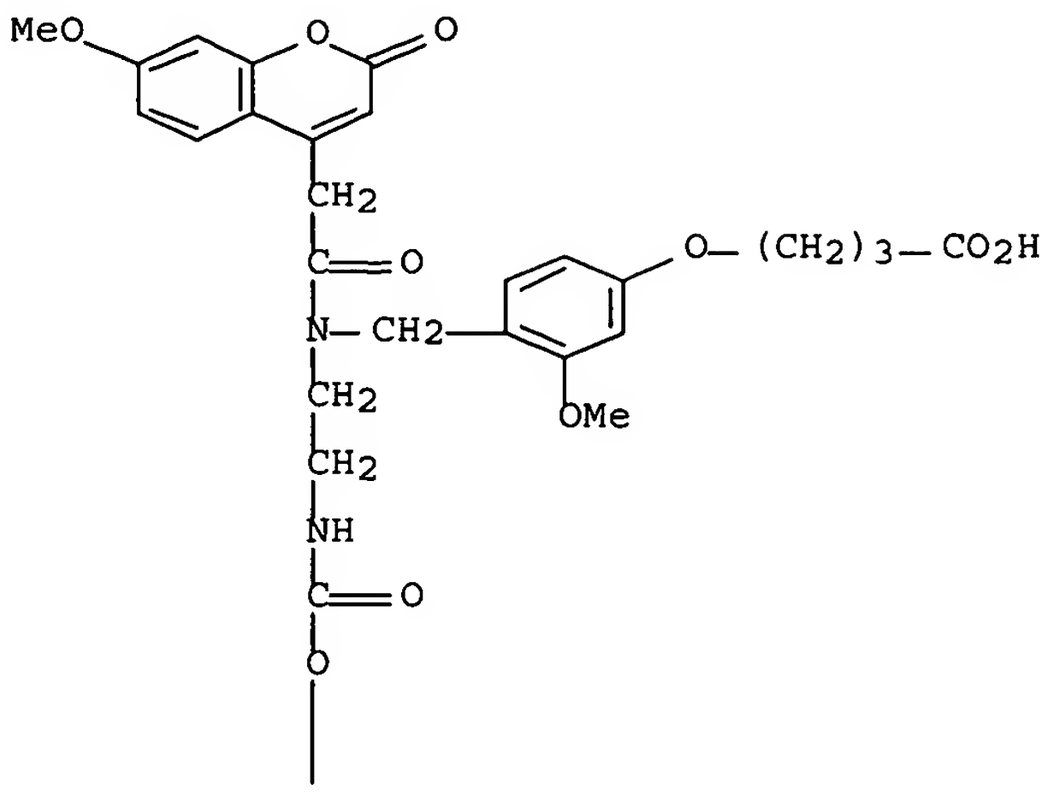

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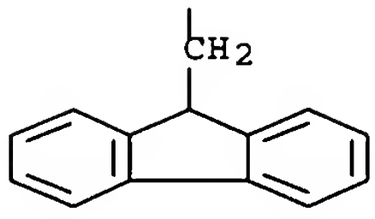
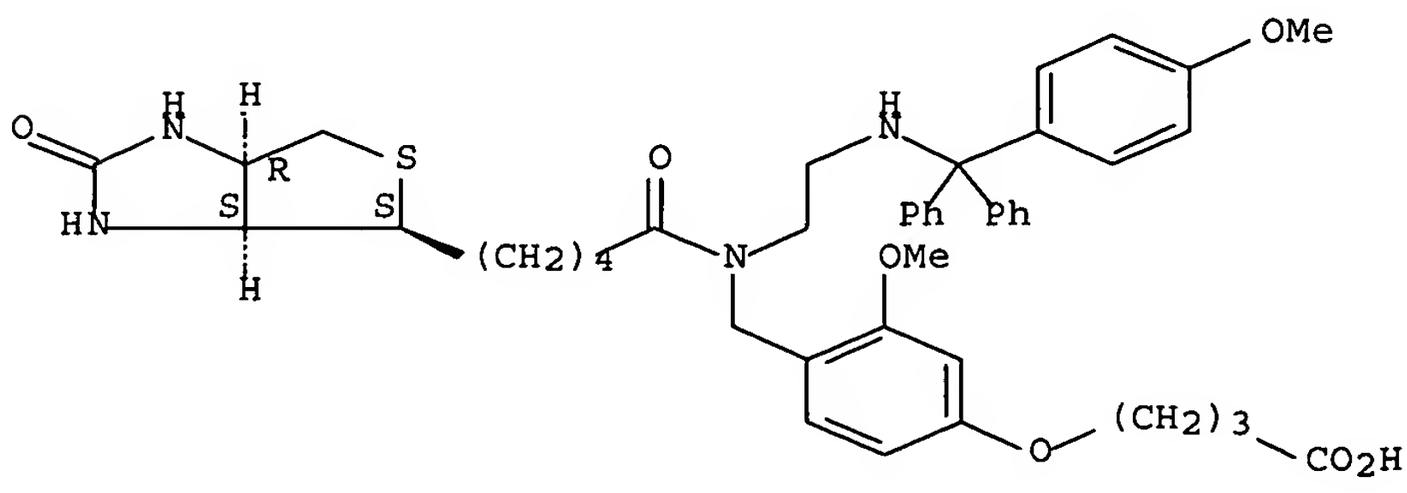


RN 816430-08-7 USPATFULL
CN Butanoic acid, 4-[4-[[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

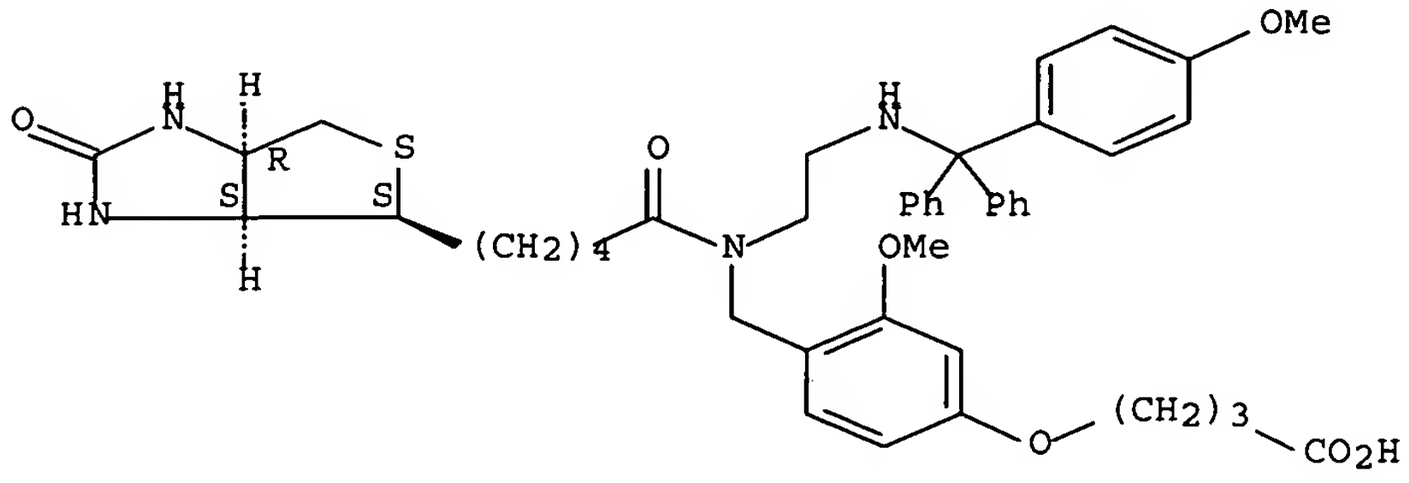
Absolute stereochemistry.



RN 816430-08-7 USPATFULL

CN Butanoic acid, 4-[4-[[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl][2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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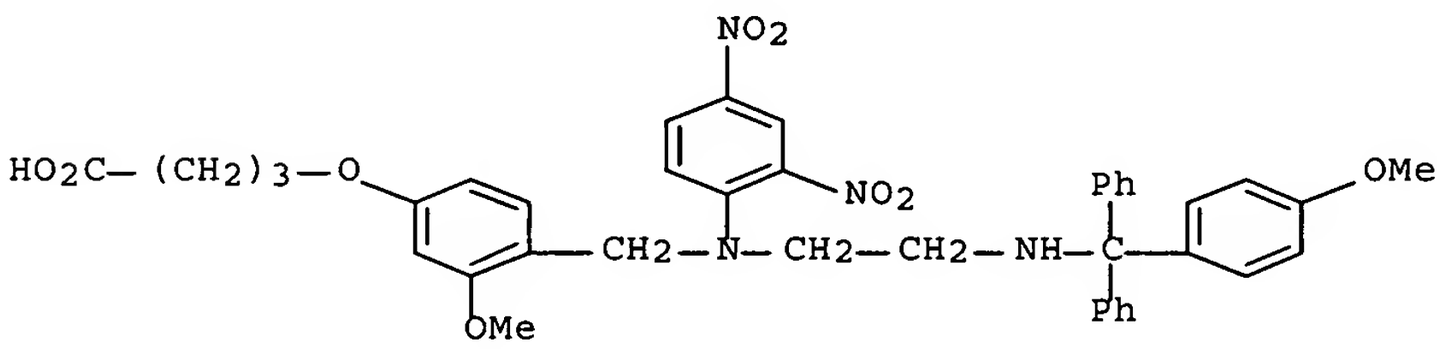
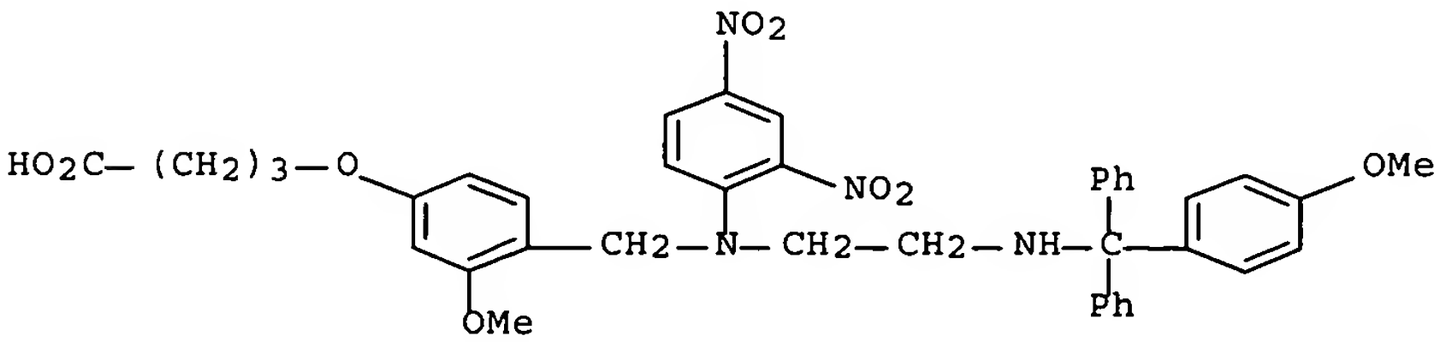
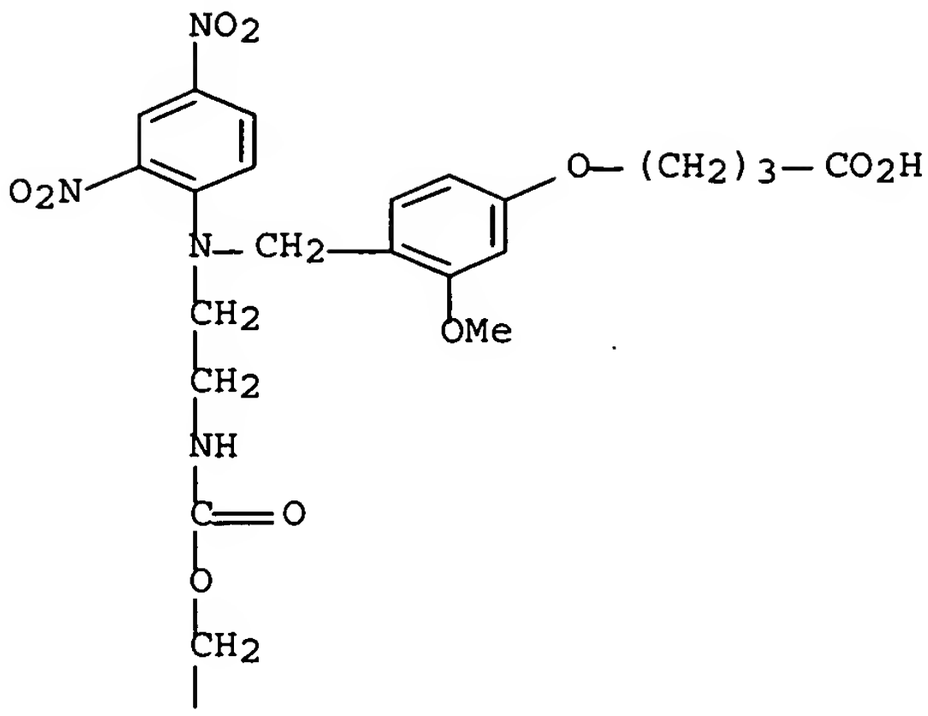
CN Butanoic acid, 4-[4-[[(2,4-dinitrophenyl)[2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

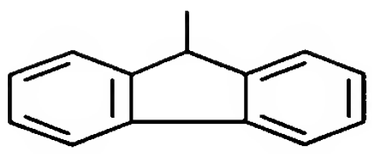


RN 816430-09-8 USPATFULL
CN Butanoic acid, 4-[4-[[(2,4-dinitrophenyl)[2-[[(4-methoxyphenyl)diphenylmethyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)



RN 816430-10-1 USPATFULL
CN Butanoic acid, 4-[4-[[(2,4-dinitrophenyl)[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)





RN 816430-11-2 USPATFULL
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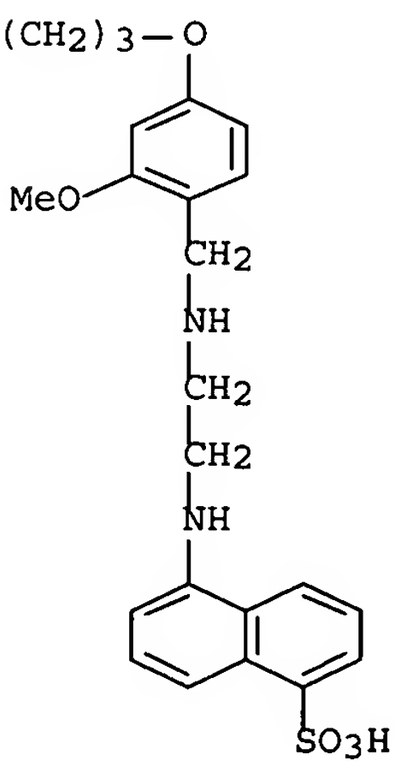
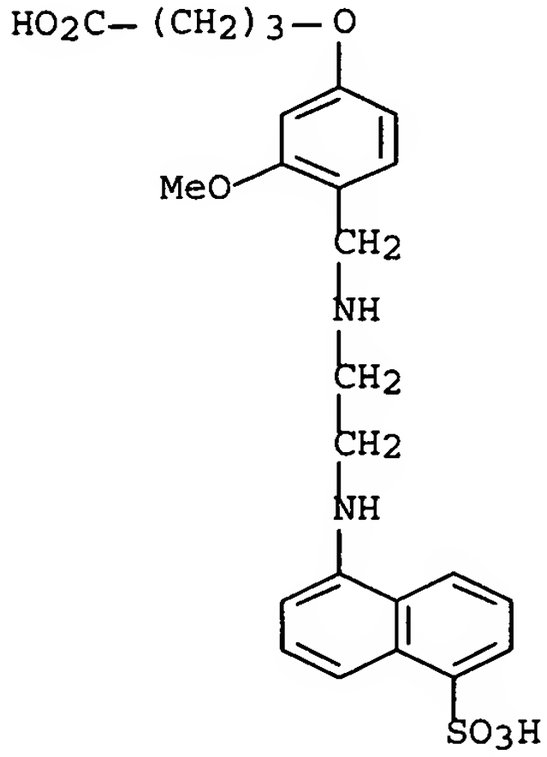
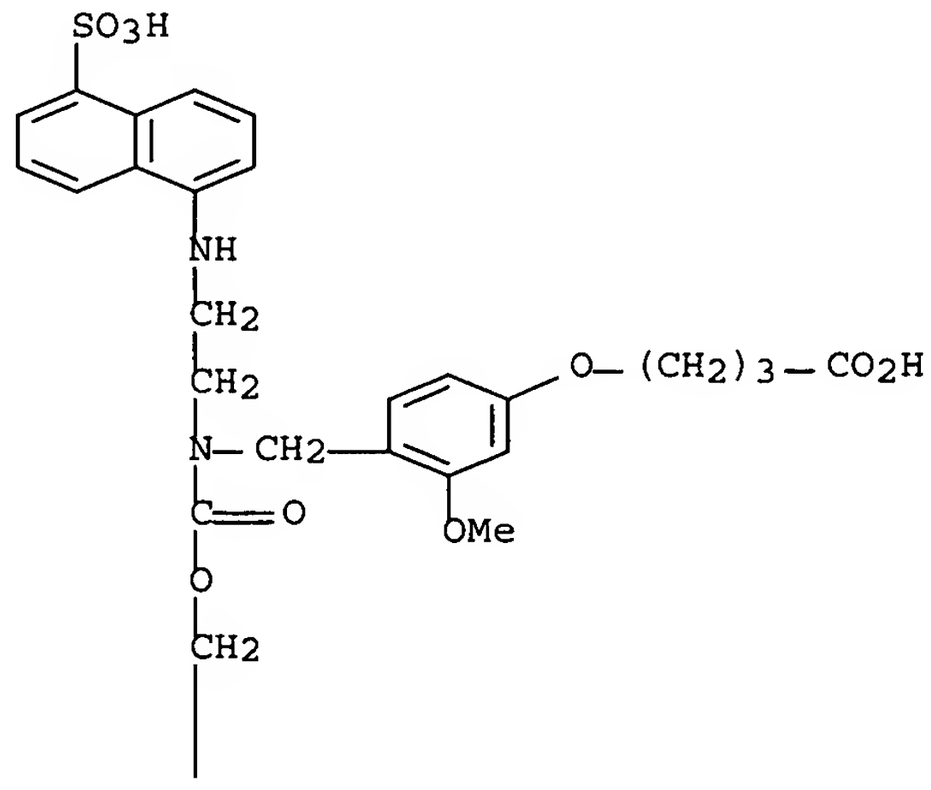


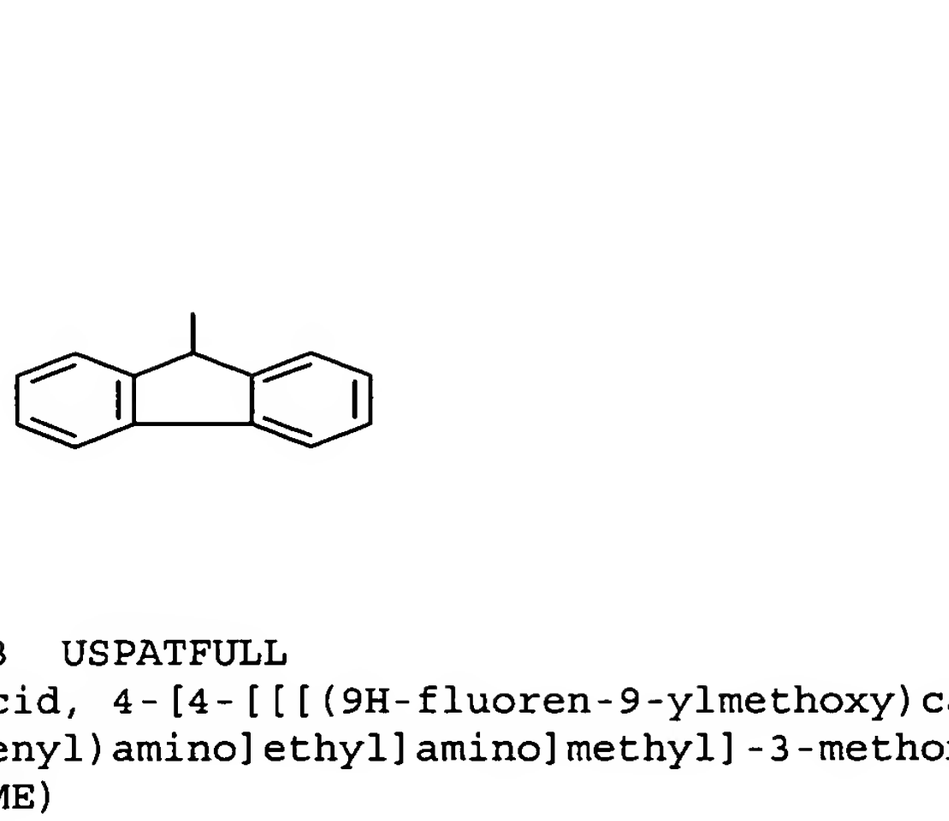
RN 816430-11-2 USPATFULL
CN Butanoic acid, 4-[3-methoxy-4-[[[2-[(5-sulfo-1-naphthalenyl)amino]ethyl]amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)

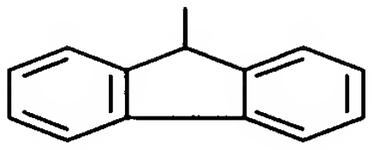


RN 816430-12-3 USPATFULL
CN Butanoic acid, 4-[4-[[[(9H-fluoren-9-ylmethoxy)carbonyl][2-[(5-sulfo-1-naphthalenyl)amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)



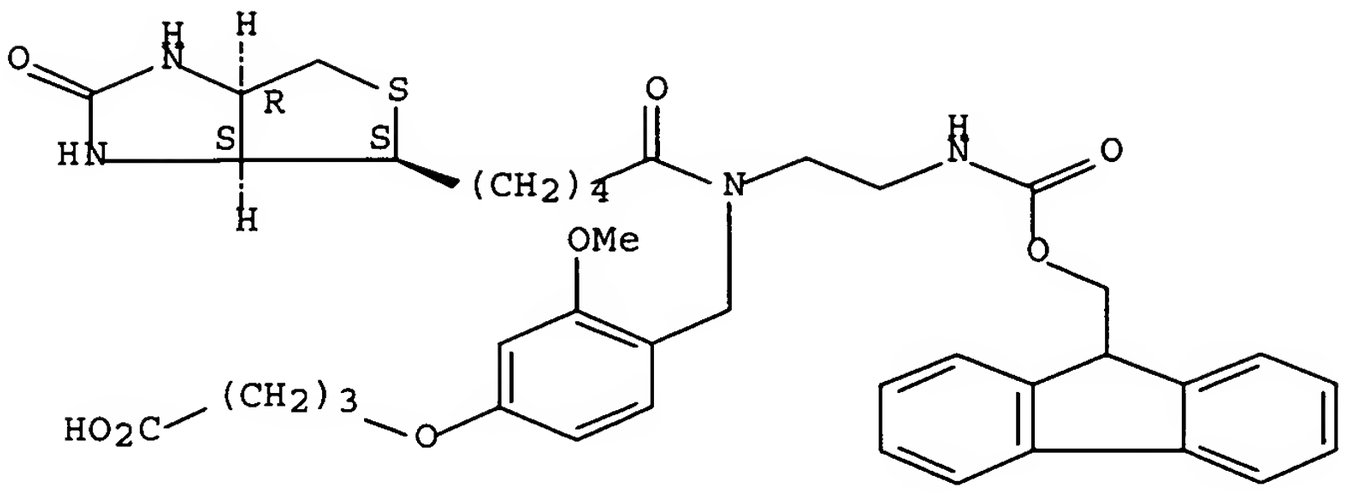
RN 816430-12-3 USPATFULL
CN Butanoic acid, 4-[4-[[[(9H-fluoren-9-ylmethoxy)carbonyl][2-[(5-sulfo-1-naphthalenyl)amino]ethyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)





RN 816430-14-5 USPATFULL
CN Butanoic acid, 4-[4-[[[2-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]ethyl][5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.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